APPENDIX A

AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS

DRAFT

EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

Sunnyvale East Channel
Sunnyvale East Channel
Sunnyvale, CA 94089

Inquiry Number: 1878114.4

March 21, 2007

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone:	1-800-352-0050
Fax:	1-800-231-6802
Internet:	www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography March 21, 2007

Target Property:

Sunnyvale East Channel
Sunnyvale, CA 94089

Year	***Scale***	***Details***	***Source***
1939	Aerial Photograph. Scale: 1"=666'	Flight Year: 1939	Fairchild
1939	Aerial Photograph. Scale: 1"=666'	Flight Year: 1939 Best Copy Available from original source	Fairchild
1939	Aerial Photograph. Scale: 1"=666'	Flight Year: 1939	Fairchild
1939	Aerial Photograph. Scale: 1"=666'	Flight Year: 1939	Fairchild
1939	Aerial Photograph. Scale: 1"=666'	Flight Year: 1939	Fairchild
1948	Aerial Photograph. Scale: 1"=666'	Flight Year: 1948 Best Copy Available from original source	Exxon
1956	Aerial Photograph. Scale: 1"=666'	Flight Year: 1956	Aero
1956	Aerial Photograph. Scale: 1"=666'	Flight Year: 1956	Aero
1956	Aerial Photograph. Scale: 1"=666'	Flight Year: 1956	Aero
1956	Aerial Photograph. Scale: 1"=666'	Flight Year: 1956	Aero
1956	Aerial Photograph. Scale: 1"=666'	Flight Year: 1956	Aero
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1965	Aerial Photograph. Scale: 1"=666'	Flight Year: 1965	Cartwright
1965	Aerial Photograph. Scale: 1"=666'	Flight Year: 1965	Cartwright
1965	Aerial Photograph. Scale: 1"=666'	Flight Year: 1965	Cartwright
1974	Aerial Photograph. Scale: 1"=601'	Flight Year: 1974	NASA
1974	Aerial Photograph. Scale: 1"=601'	Flight Year: 1974	NASA

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1974	Aerial Photograph. Scale: 1"=601'	Flight Year: 1974 Best Copy Available from original source	NASA
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1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	WSA
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	WSA
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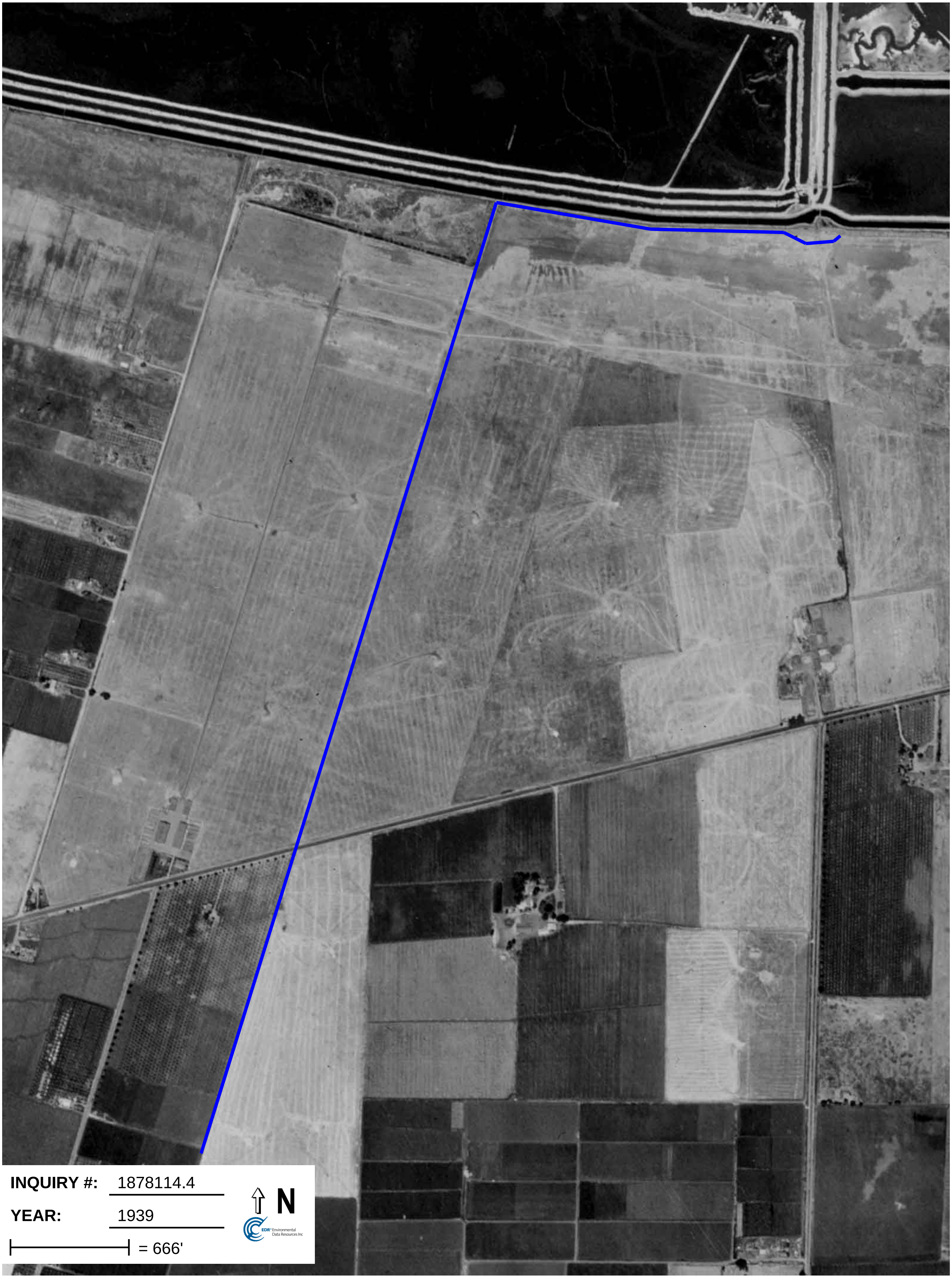

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YEAR: 1939

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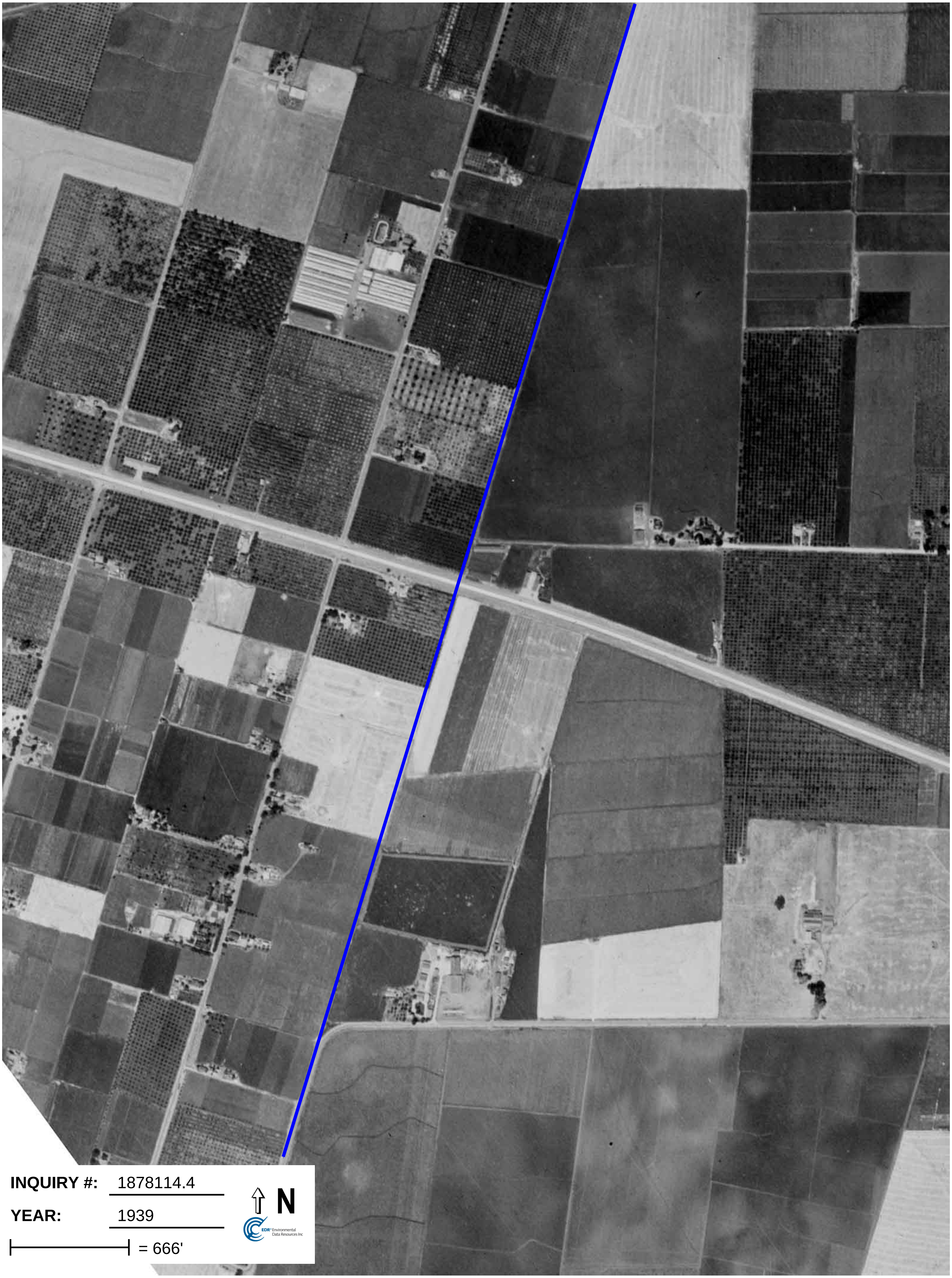
EDR Environmental Data Resources Inc



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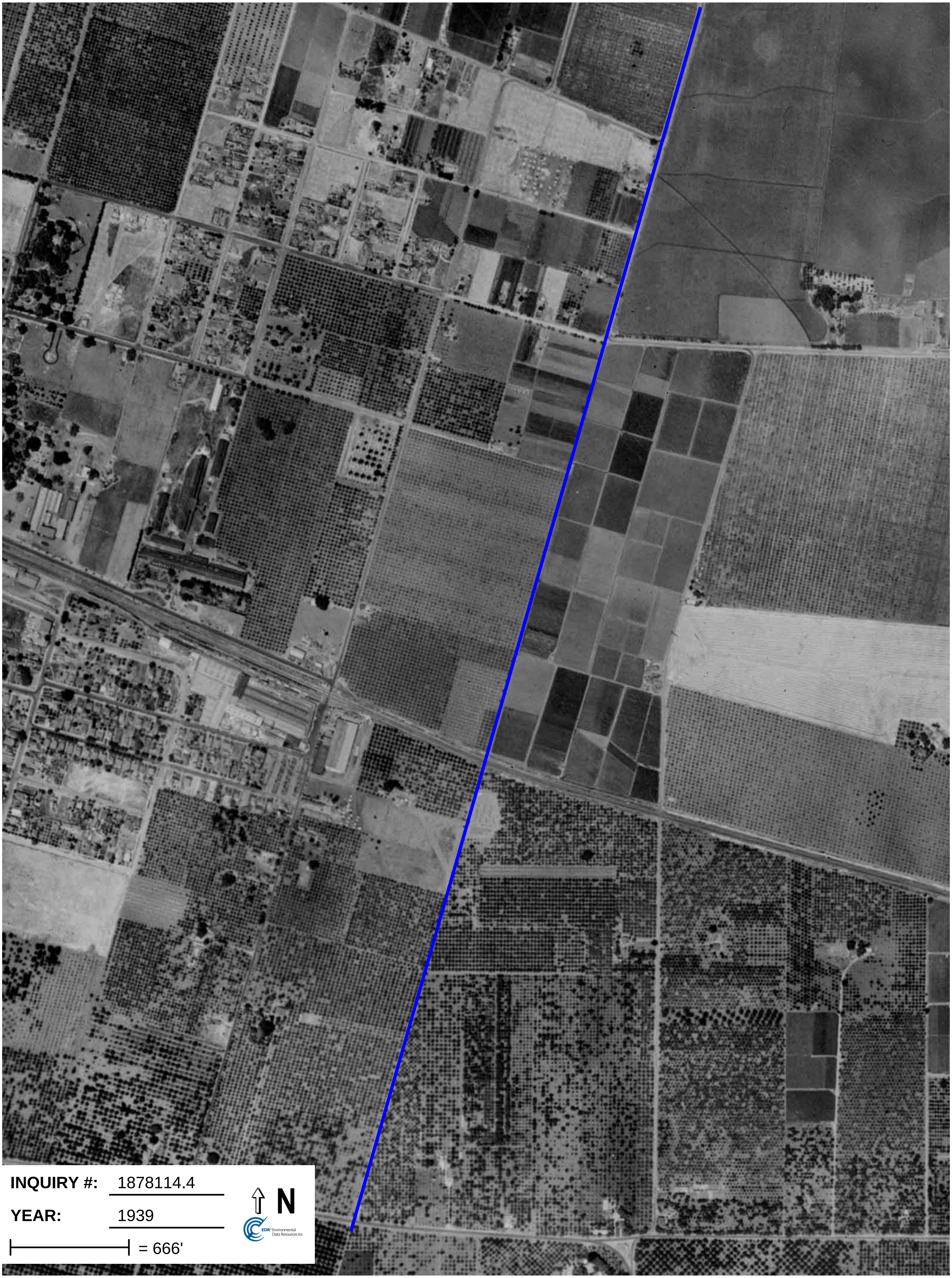
EDR® Environmental Data Resources Inc



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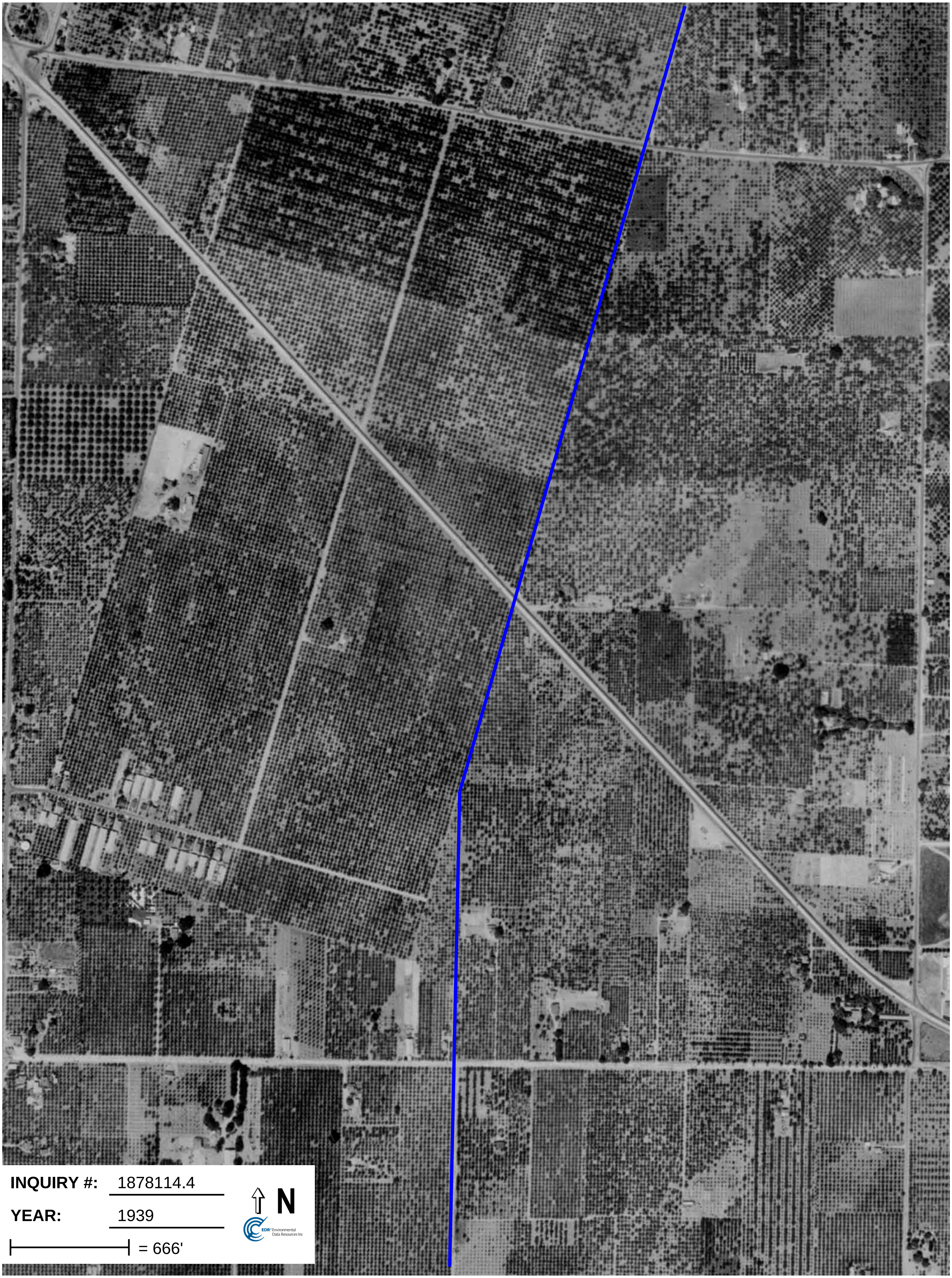

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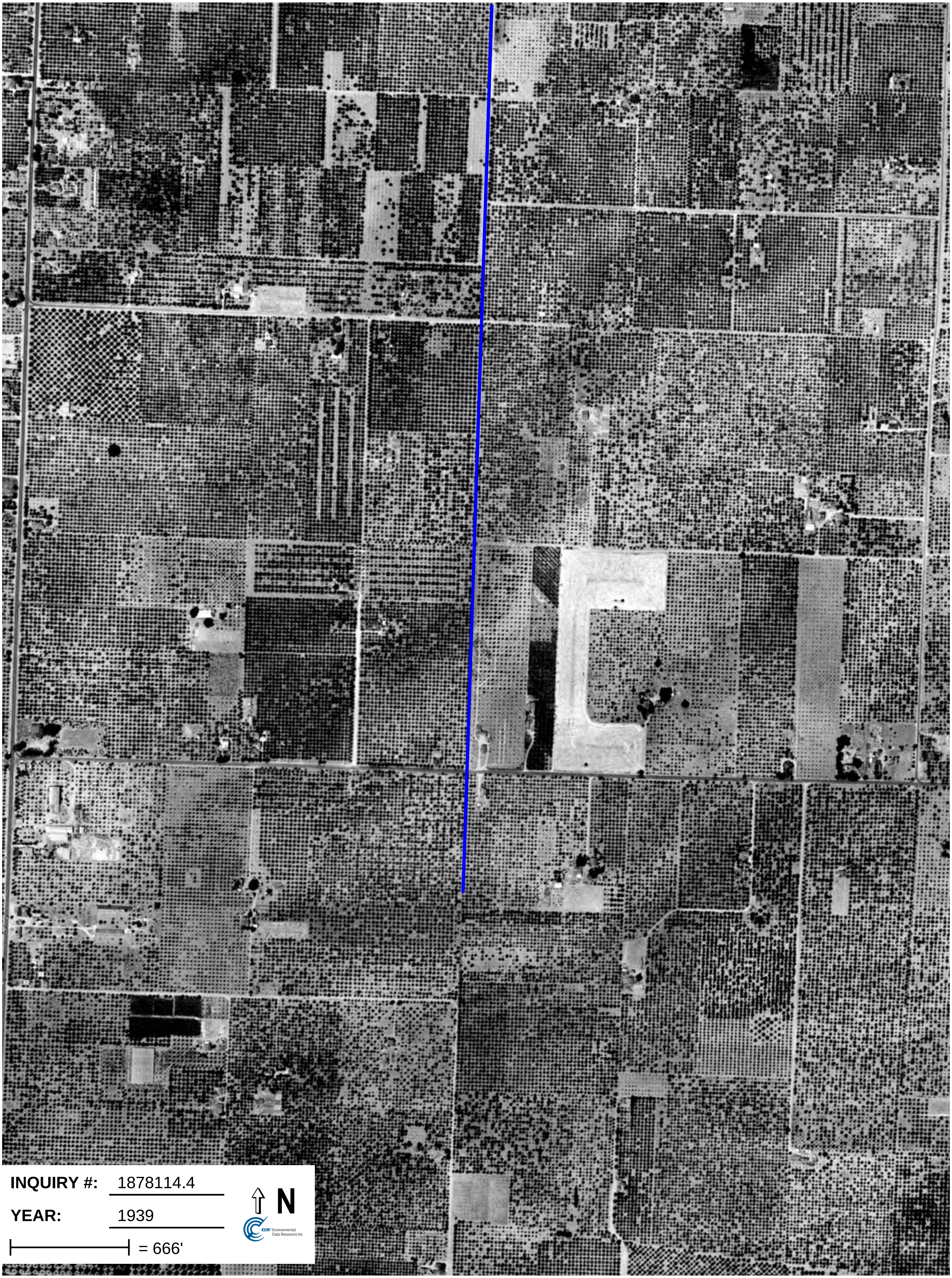

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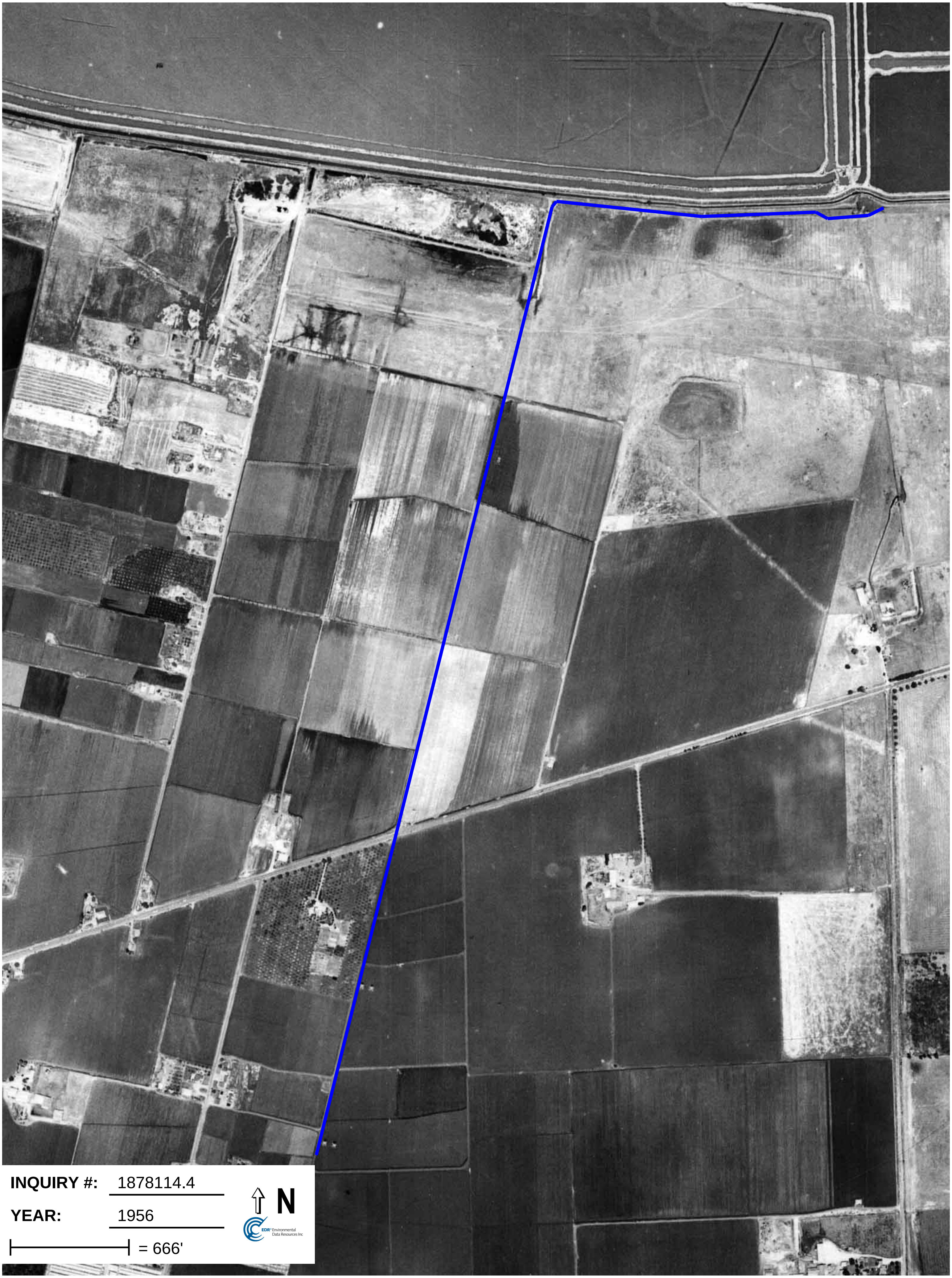

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YEAR: 1956

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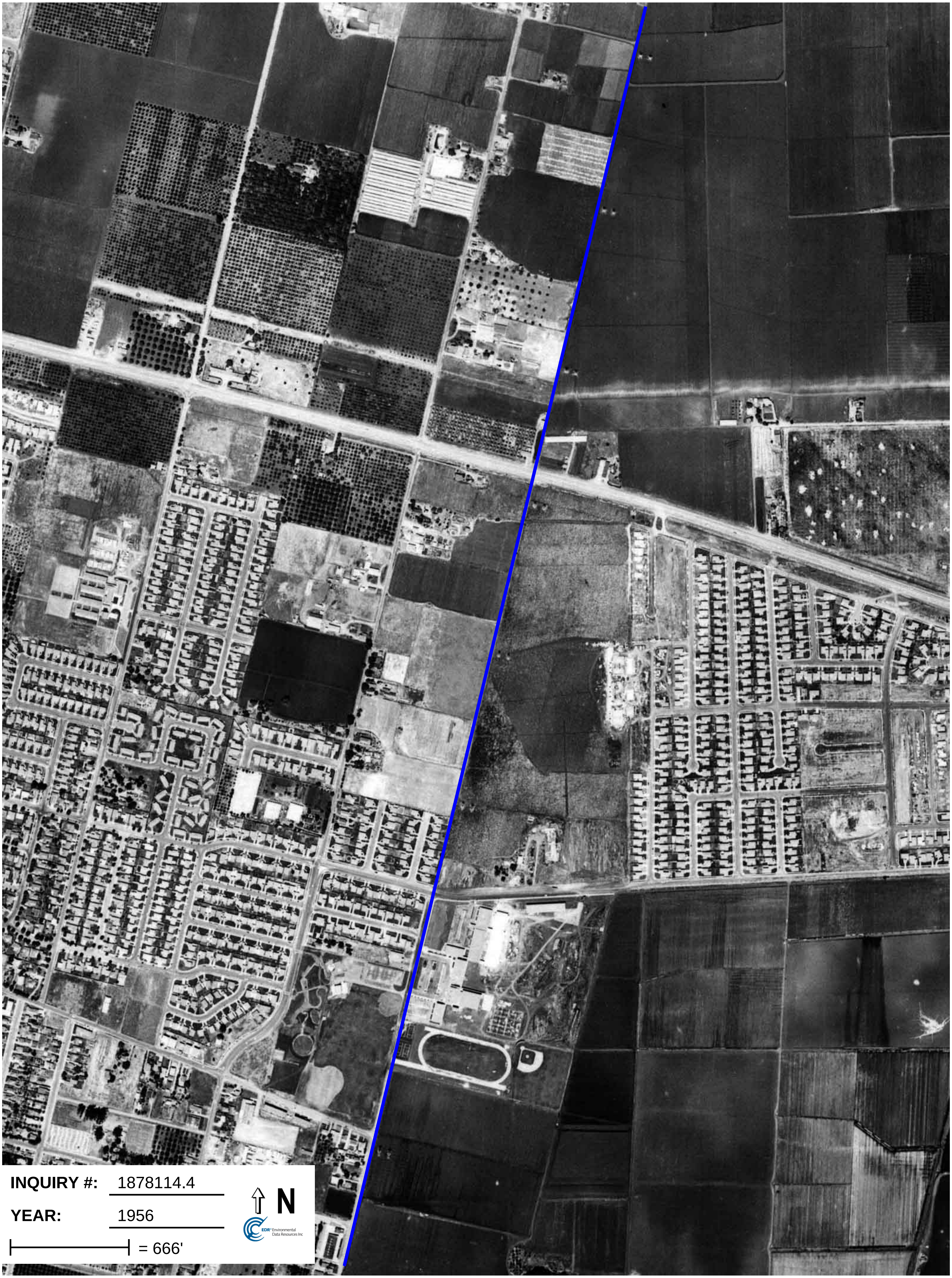
EDR® Environmental Data Resources Inc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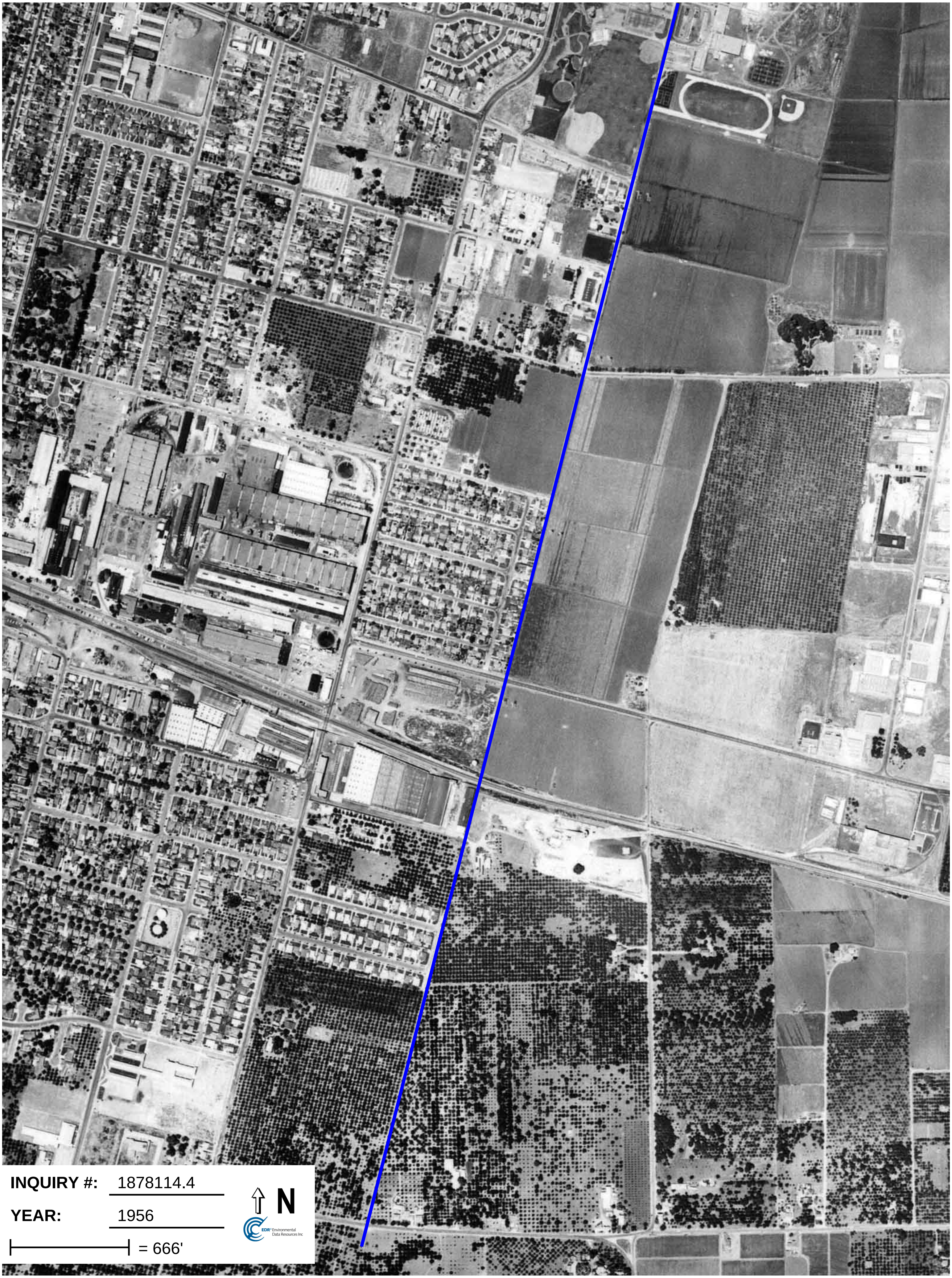

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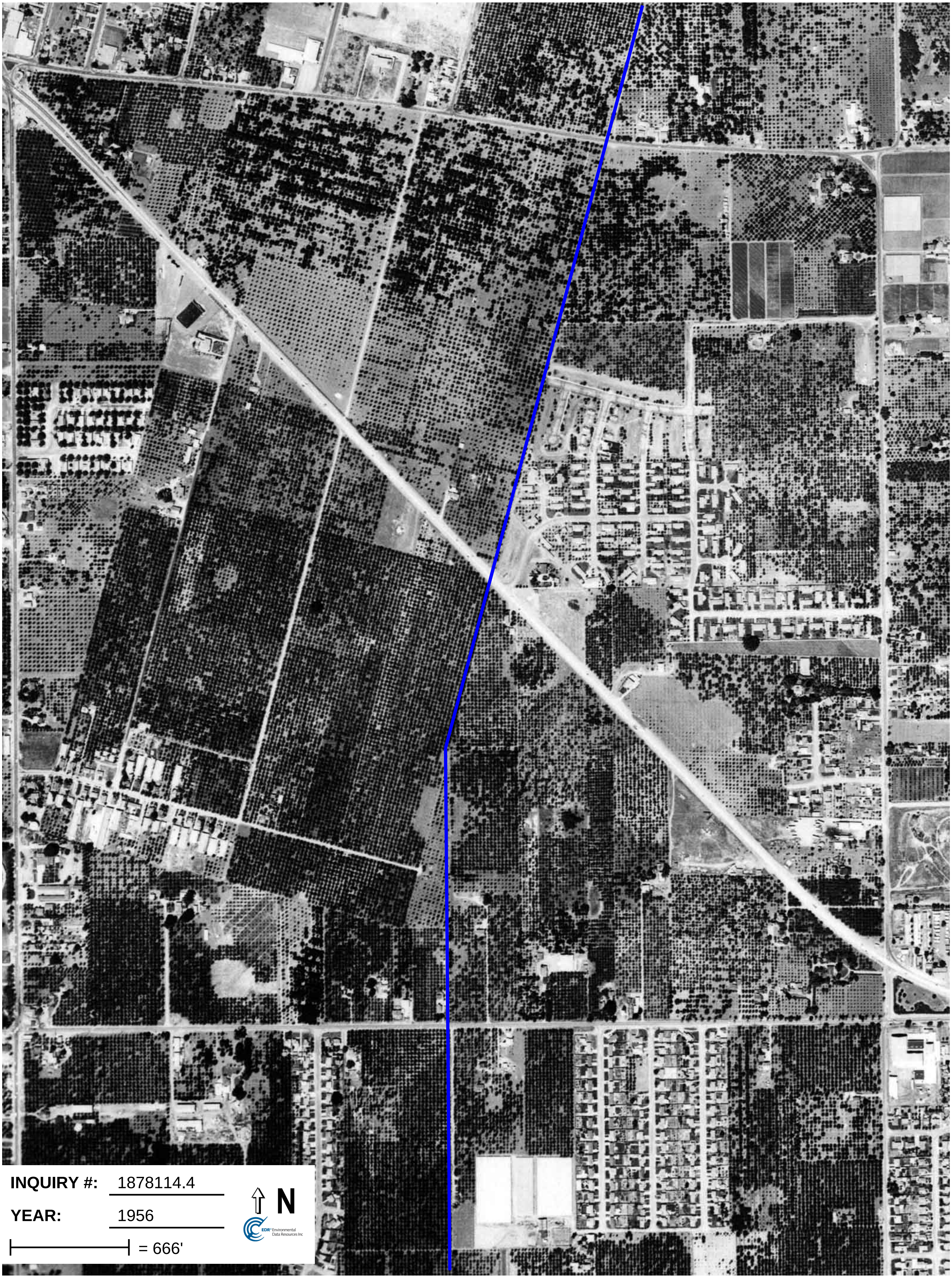

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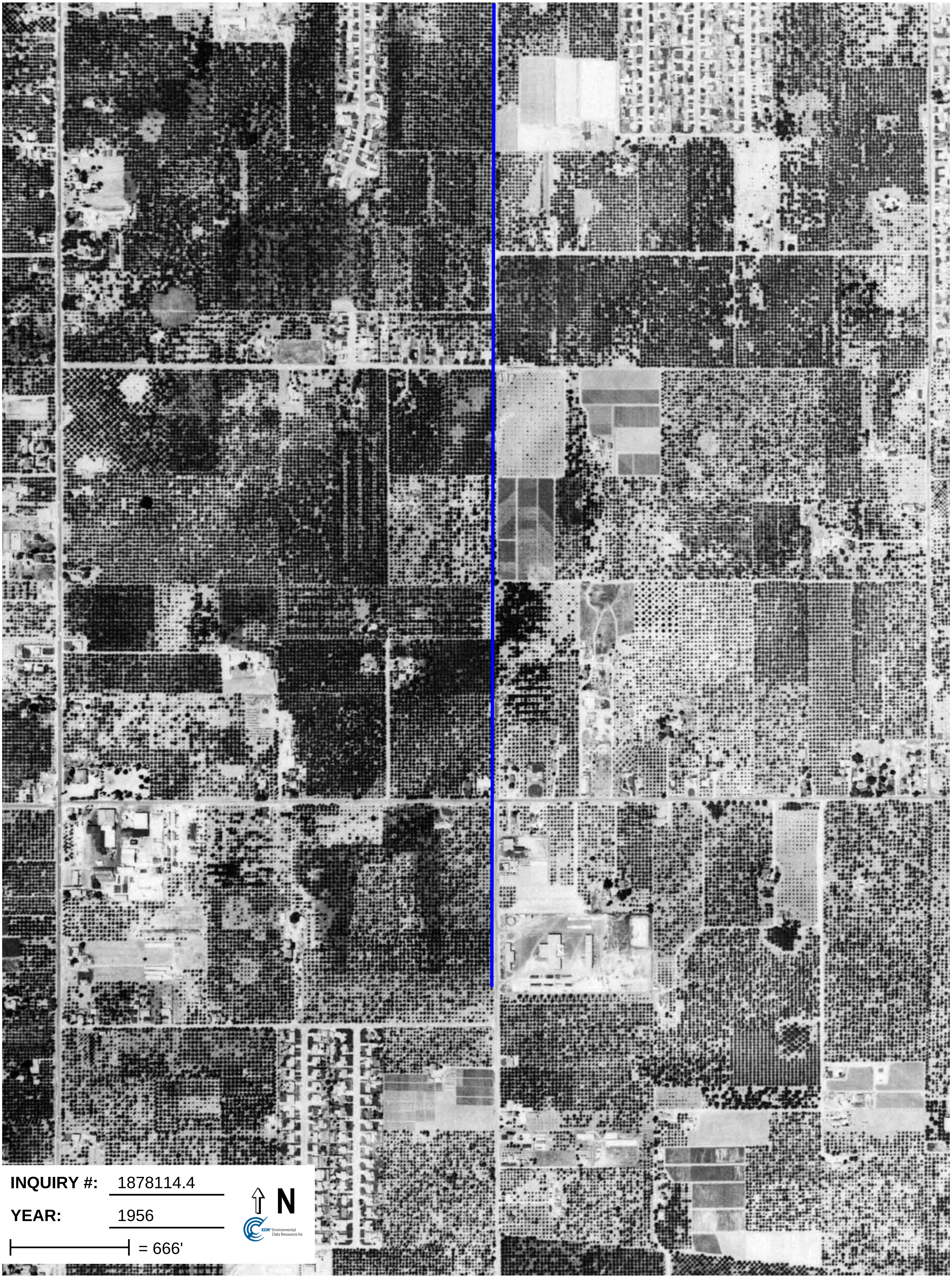

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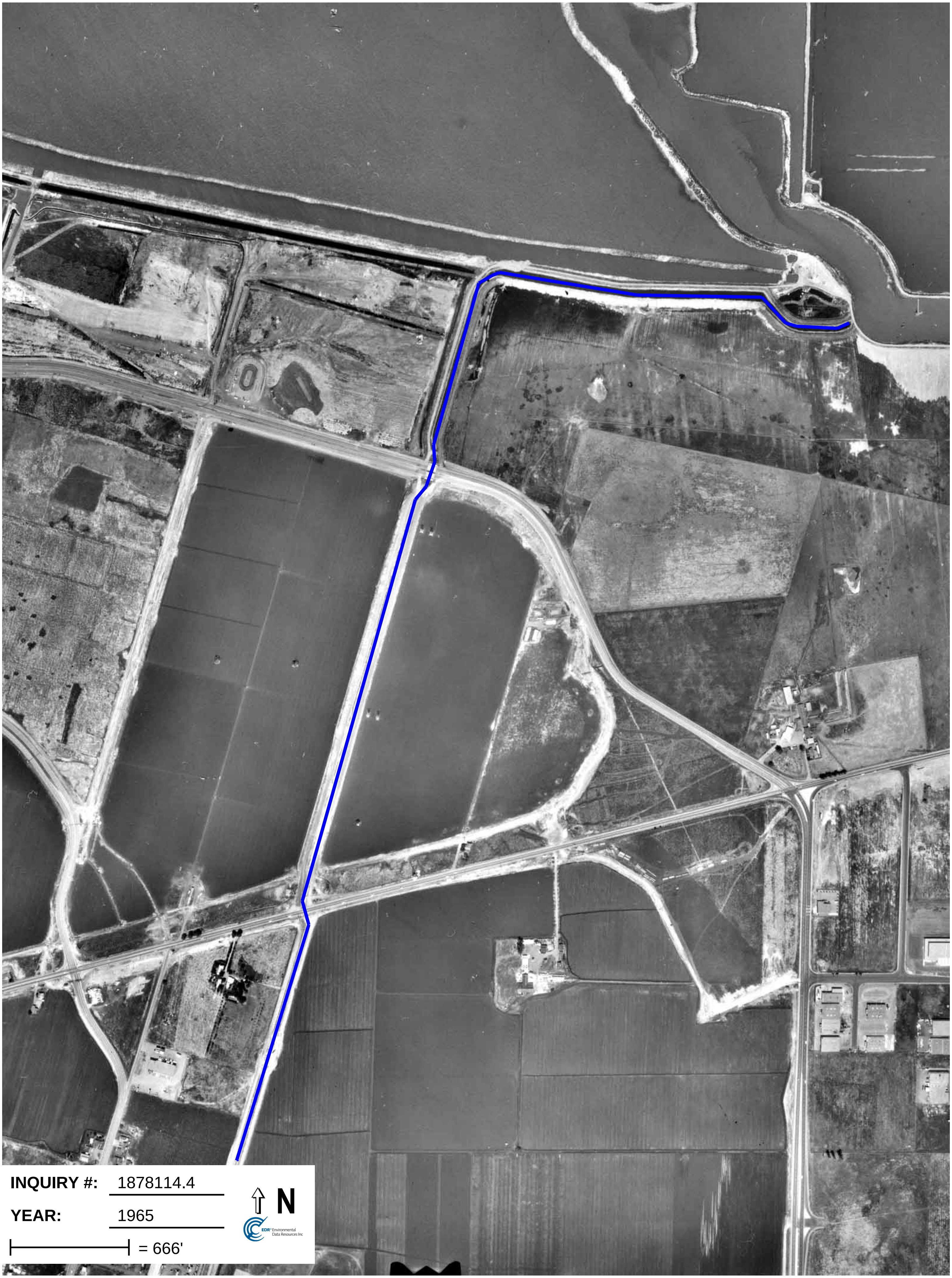

INQUIRY #: 1878114.4

YEAR: 1965

= 666'

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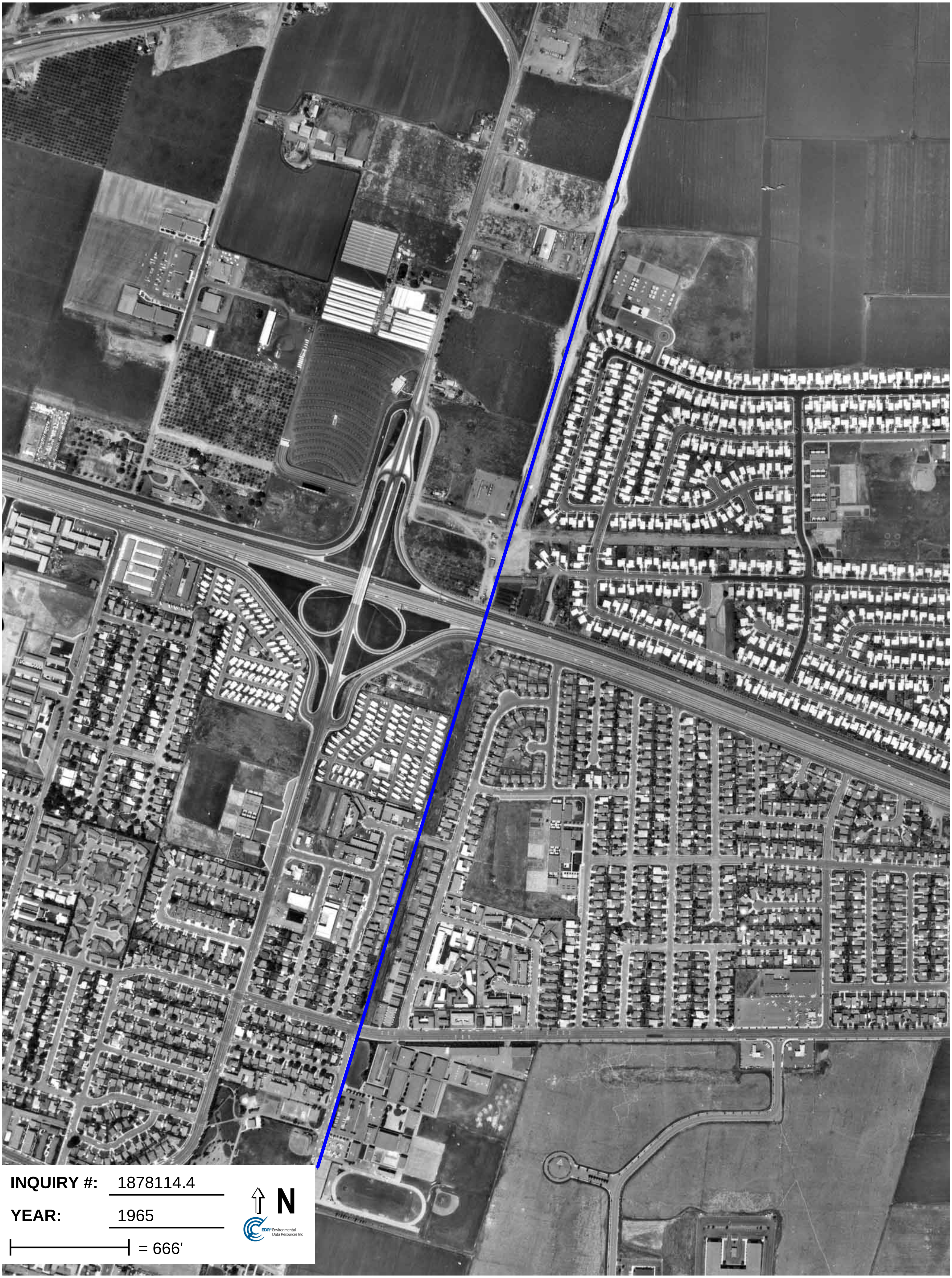
EDR Environmental Data Resources Inc



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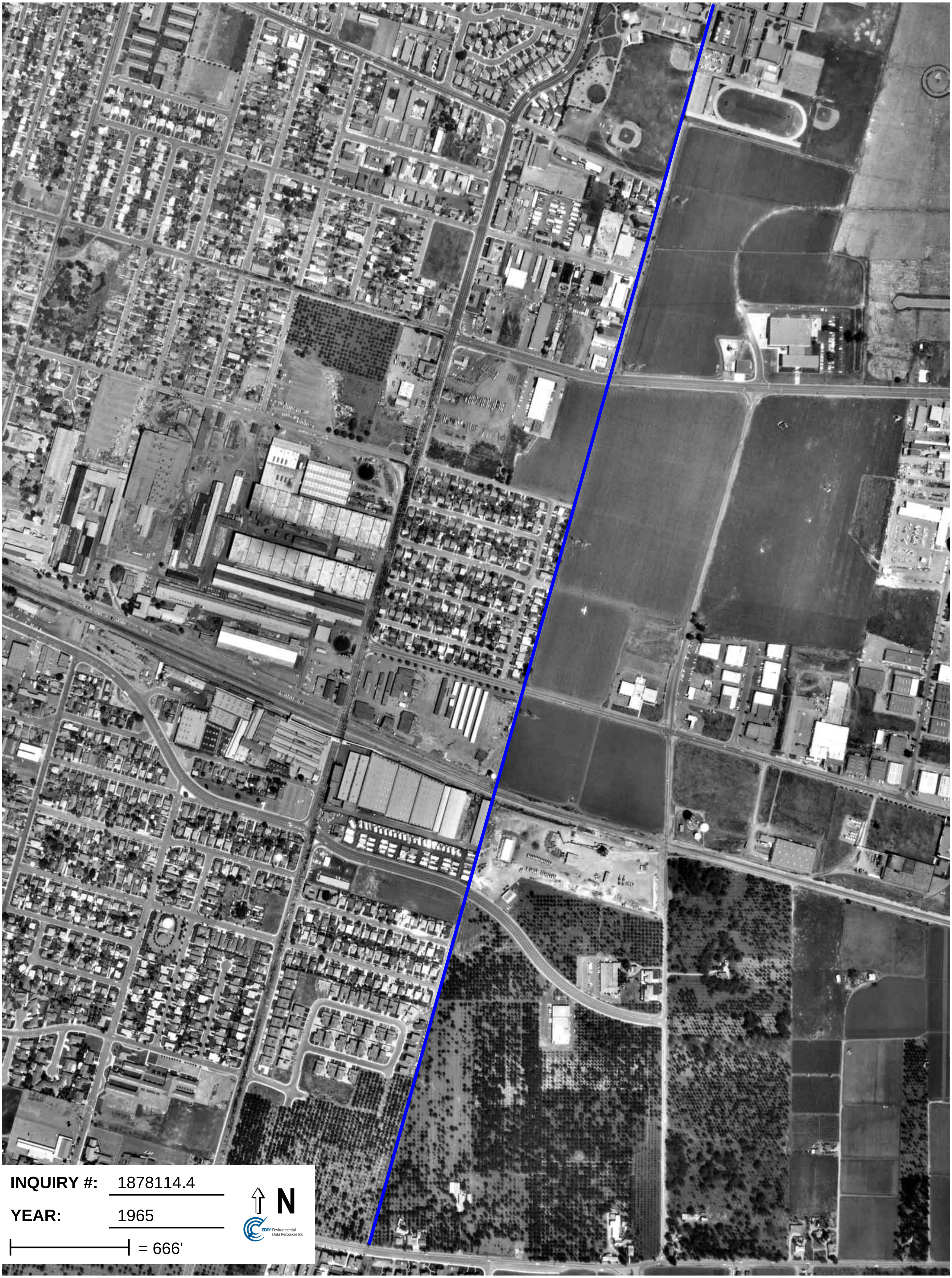

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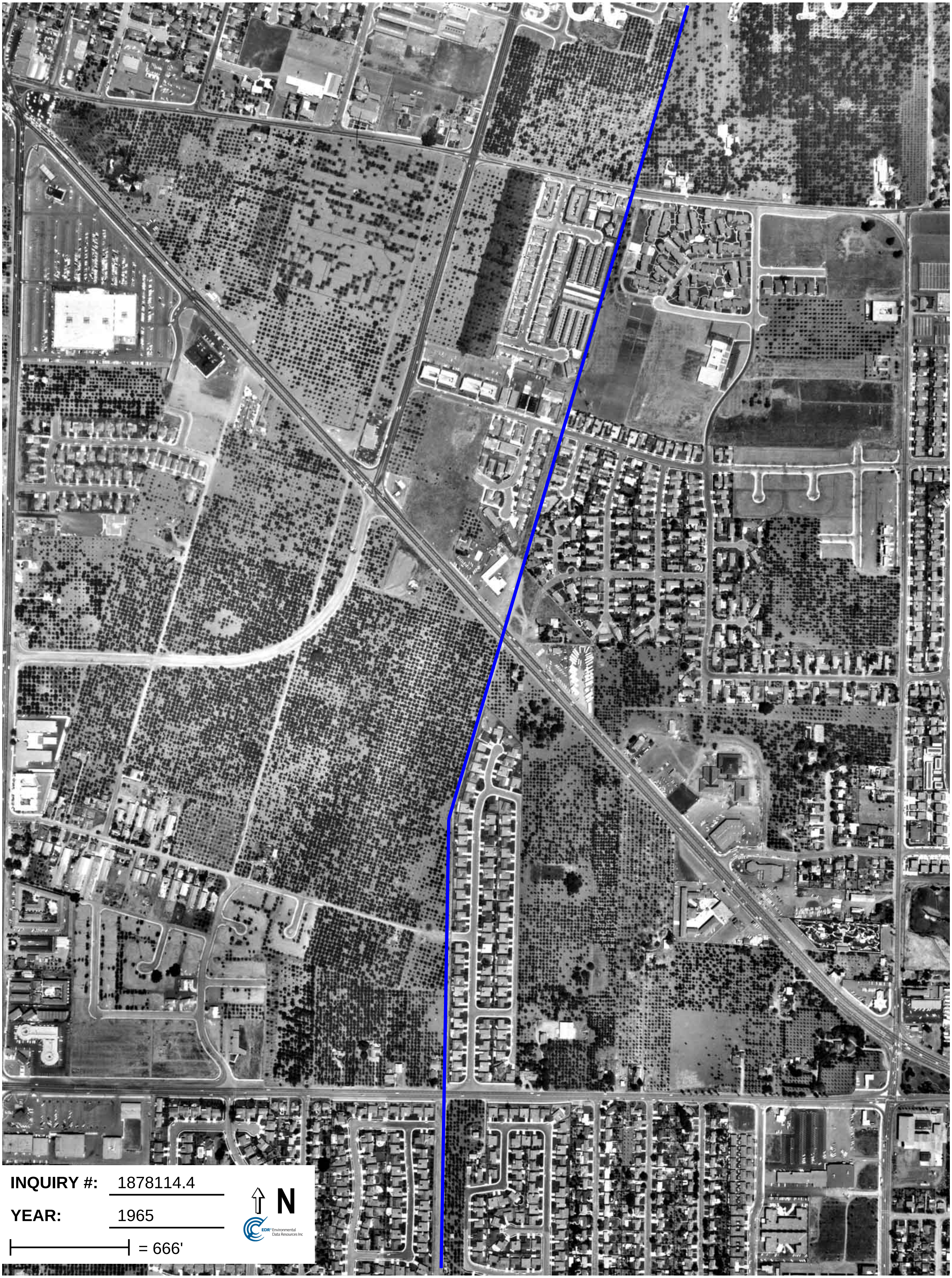

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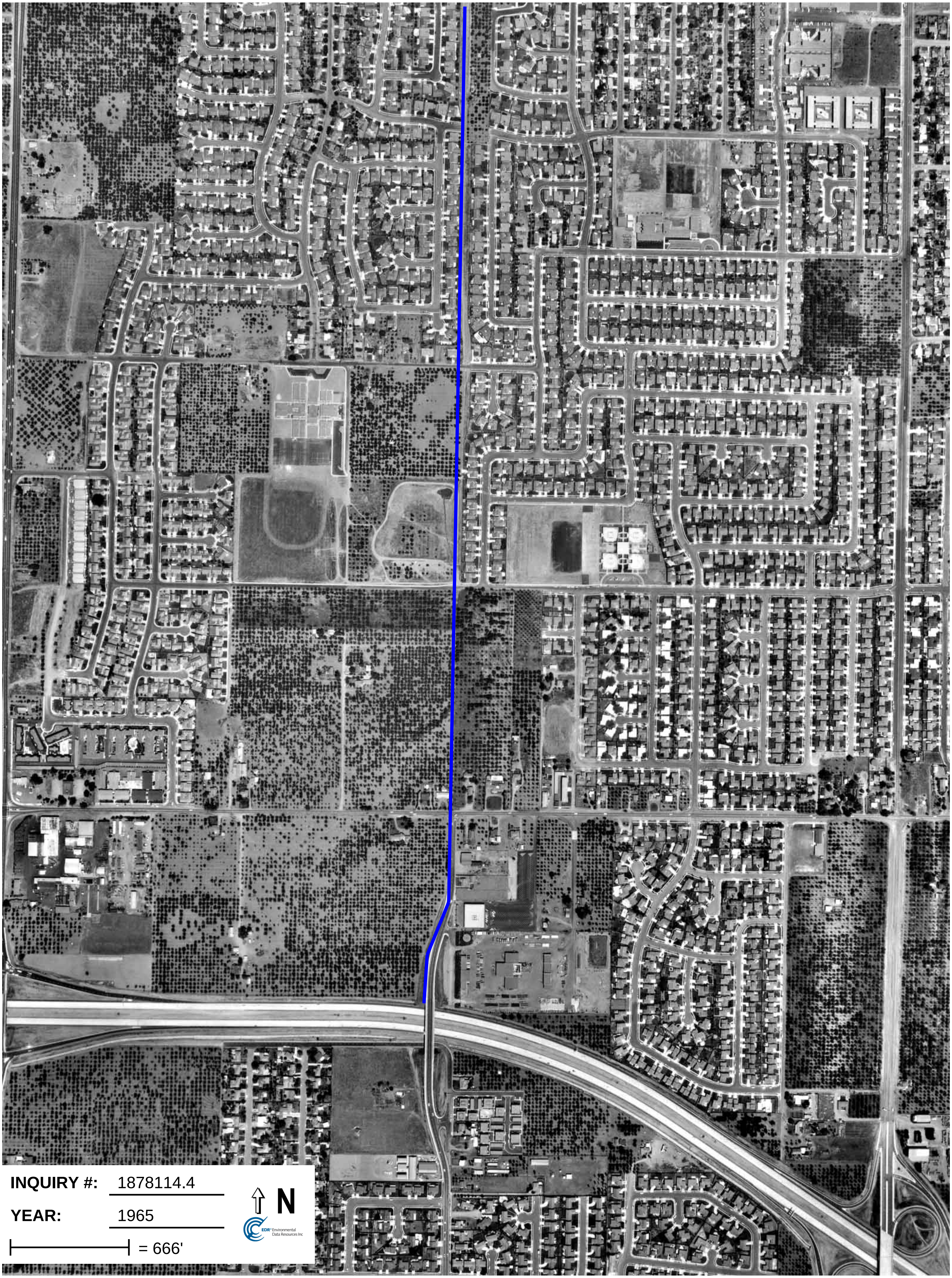

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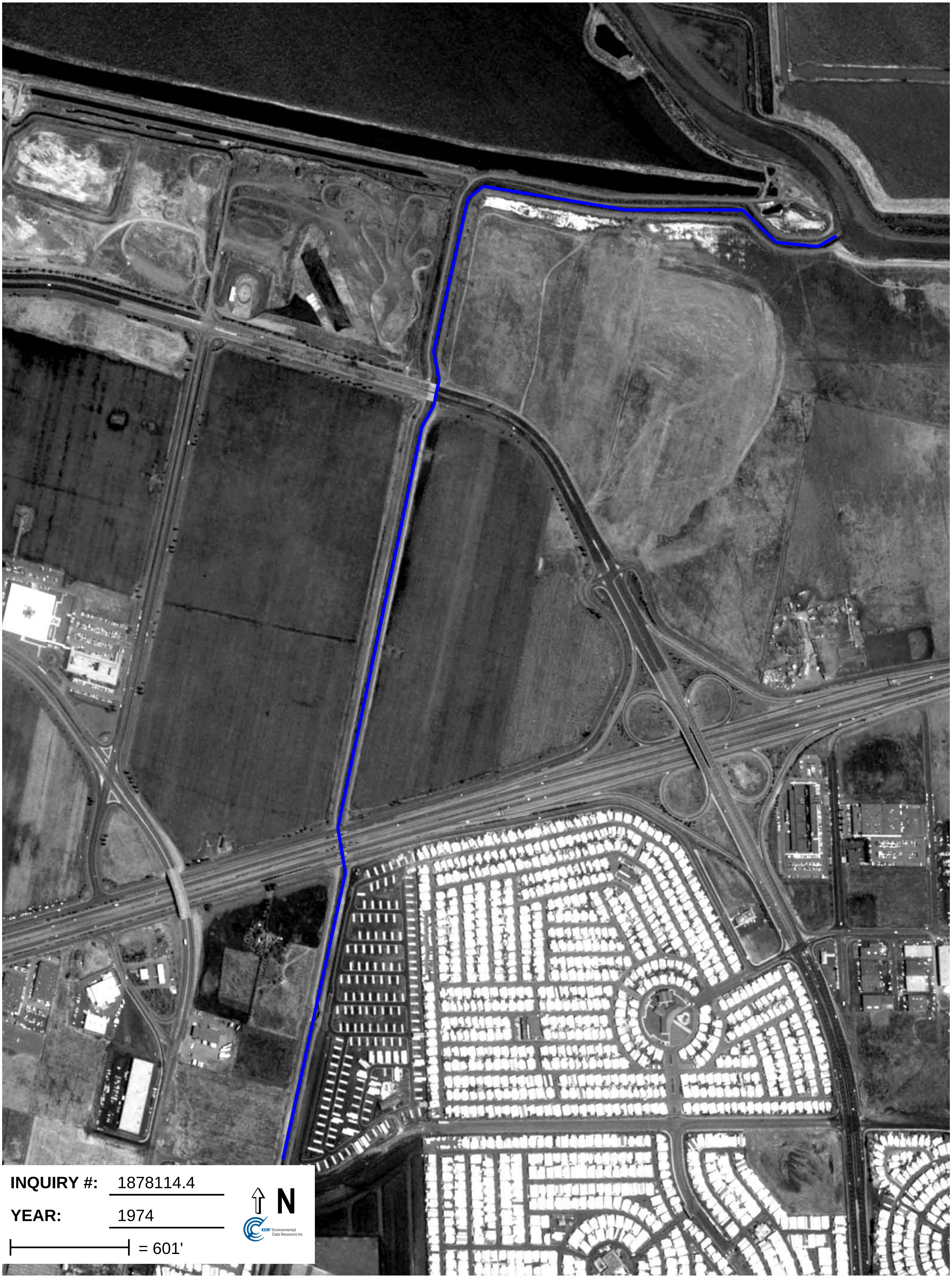

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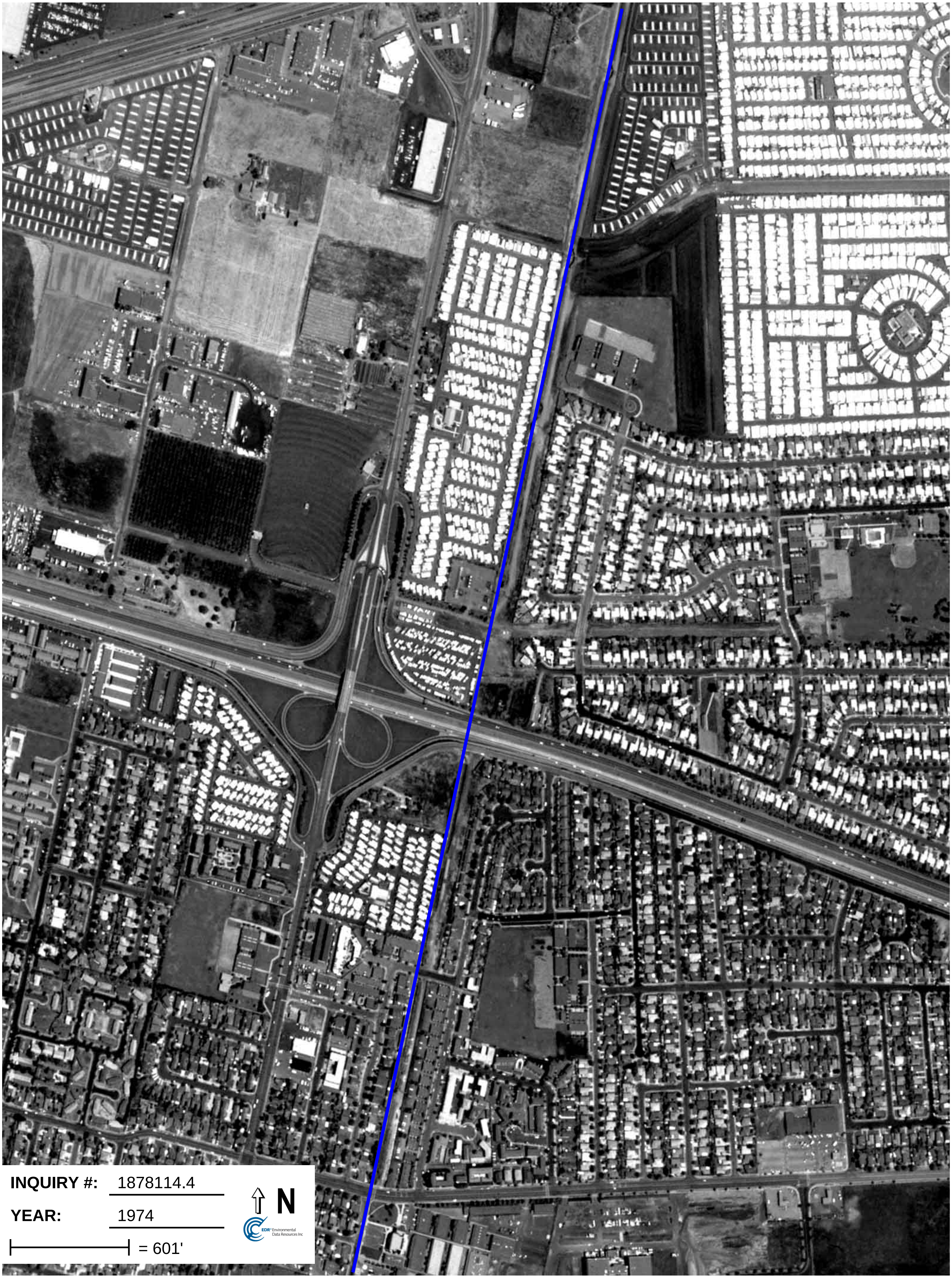

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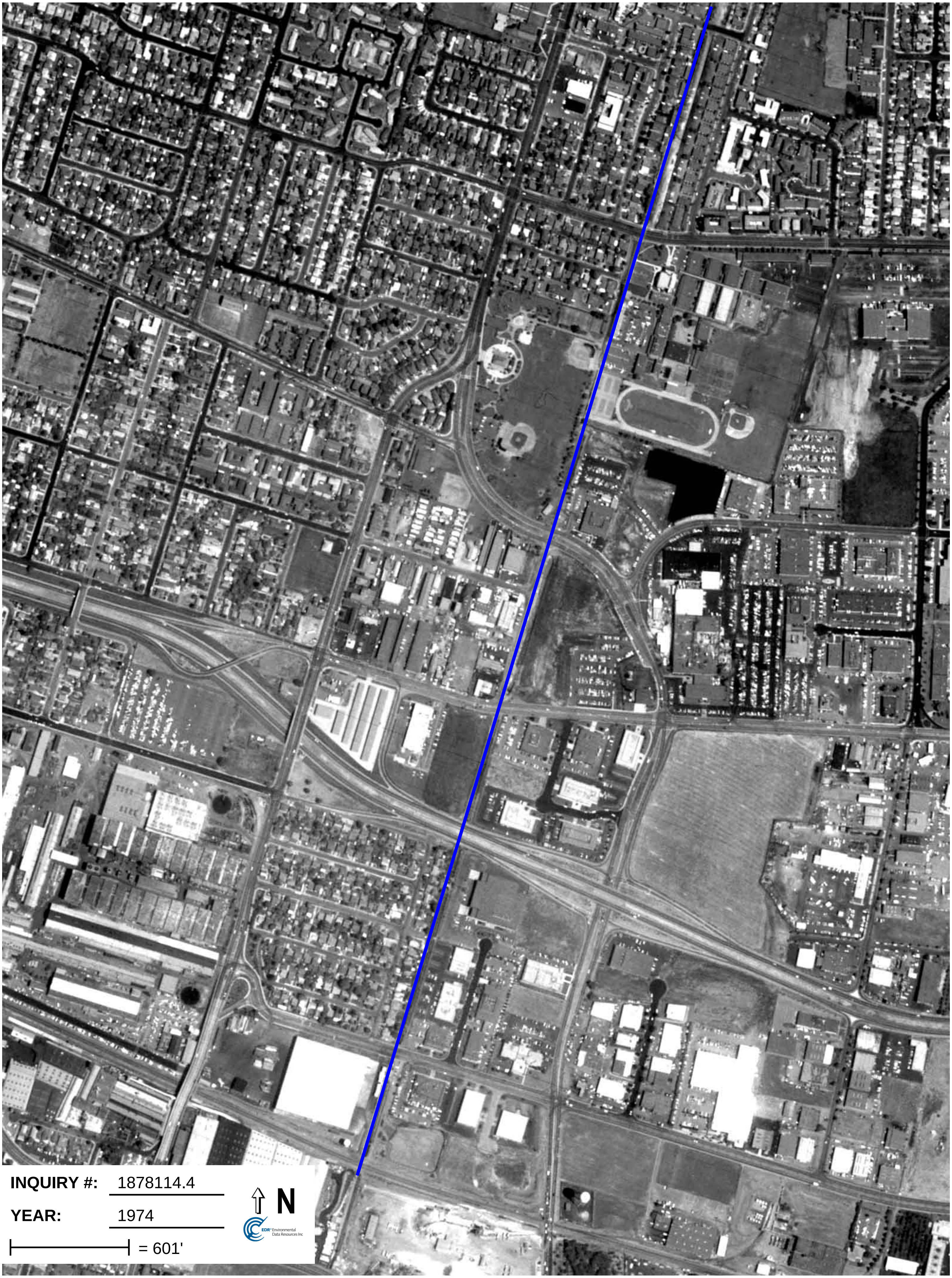

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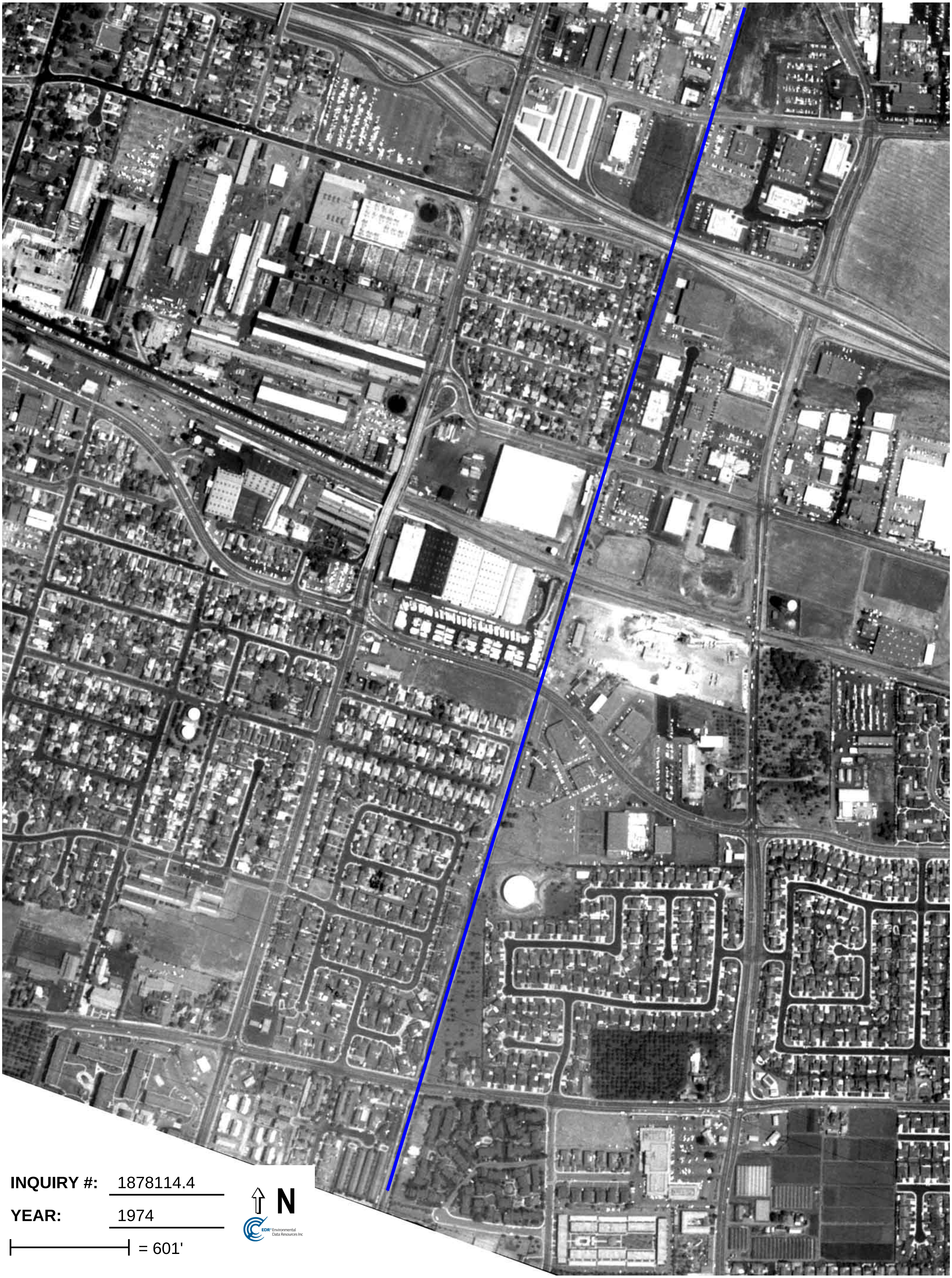

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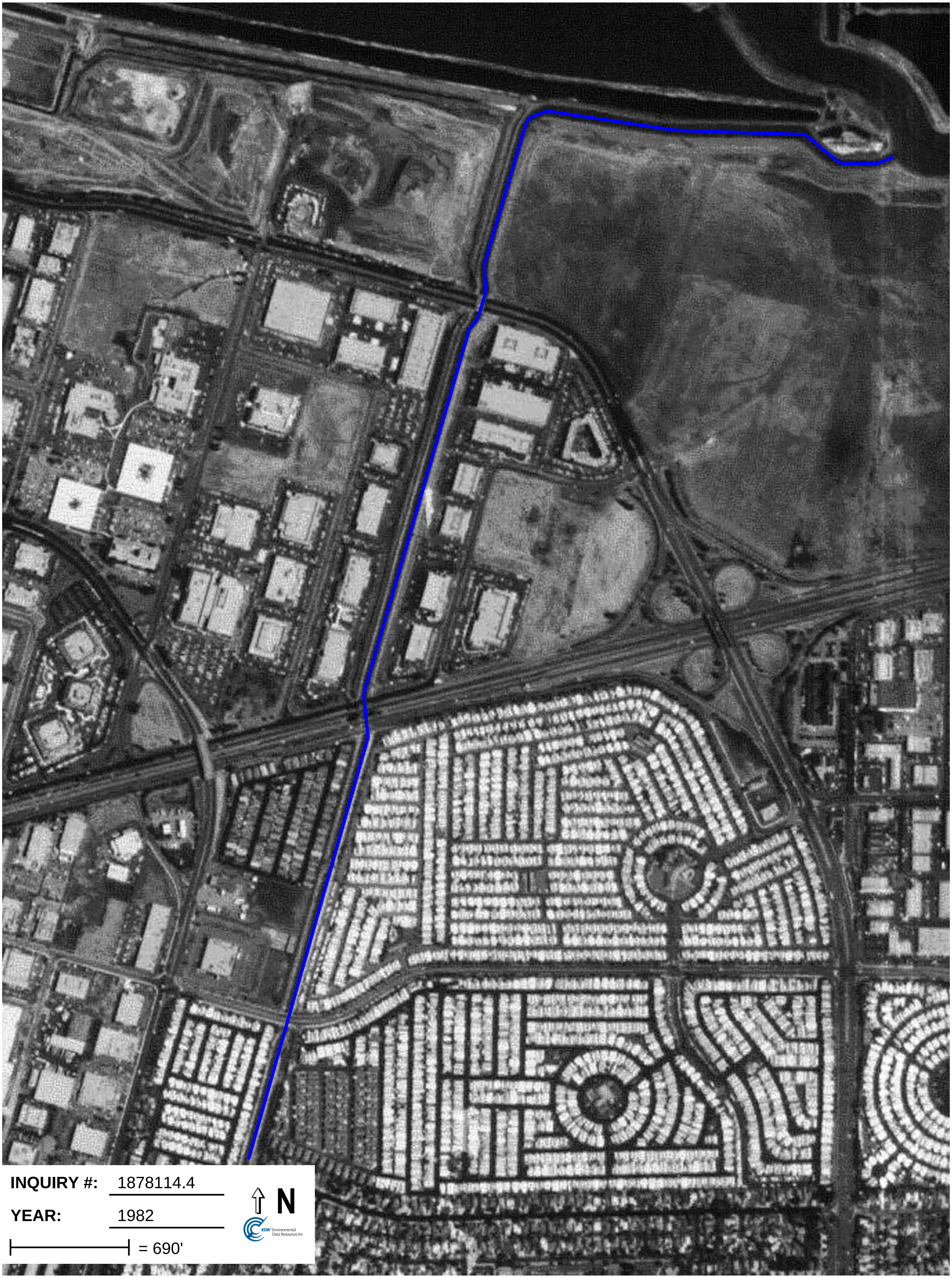

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YEAR: 1982

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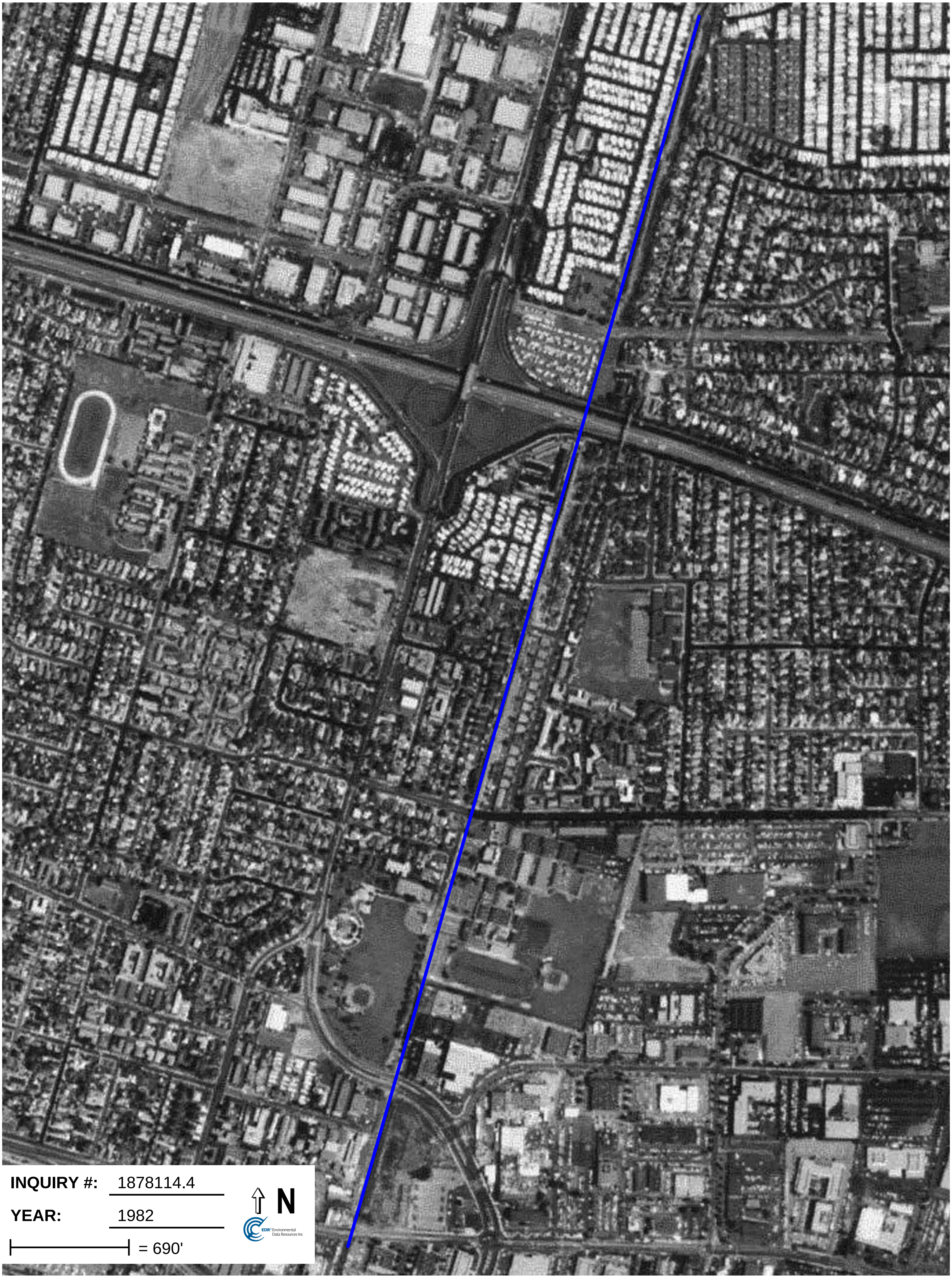

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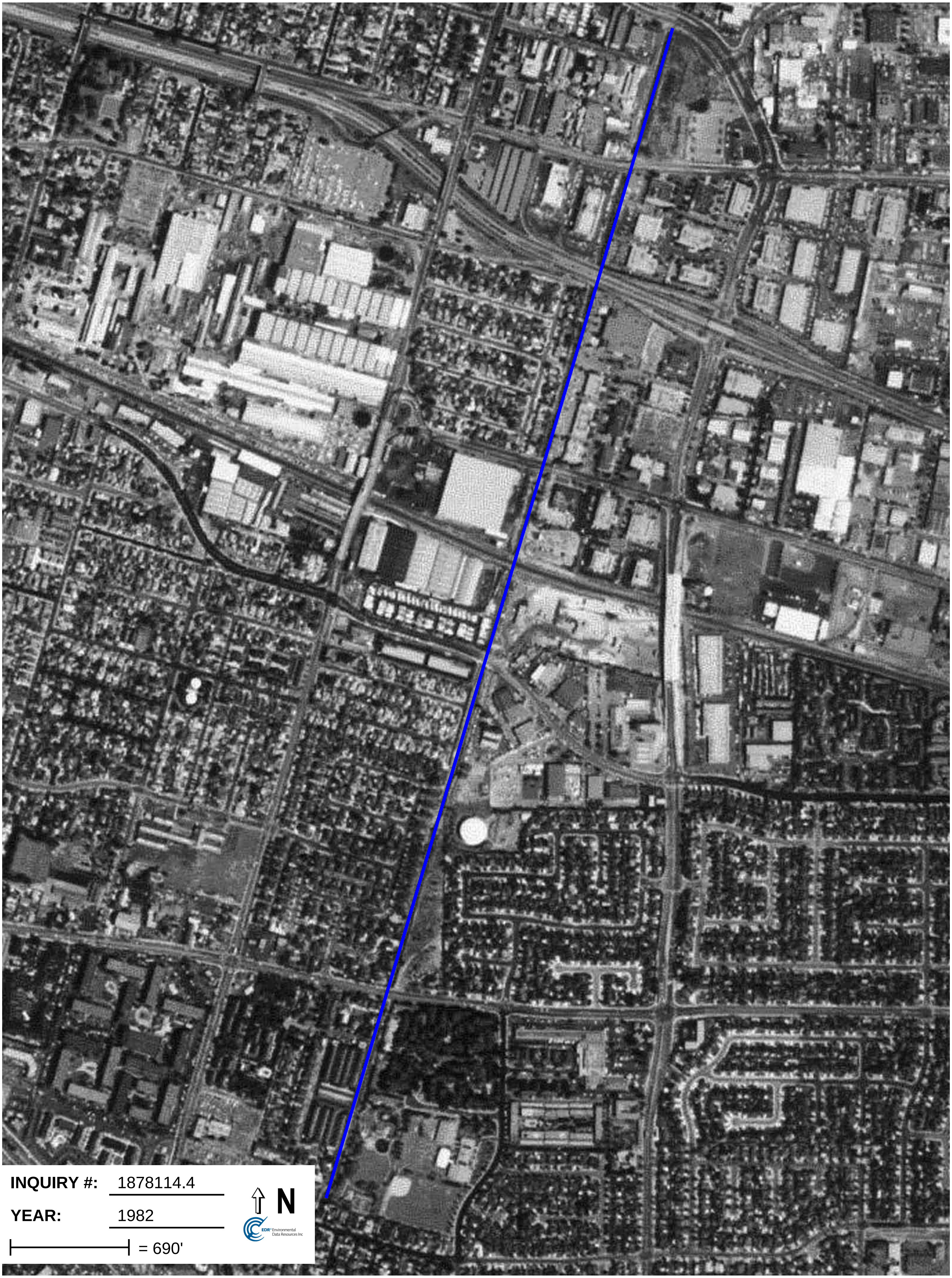

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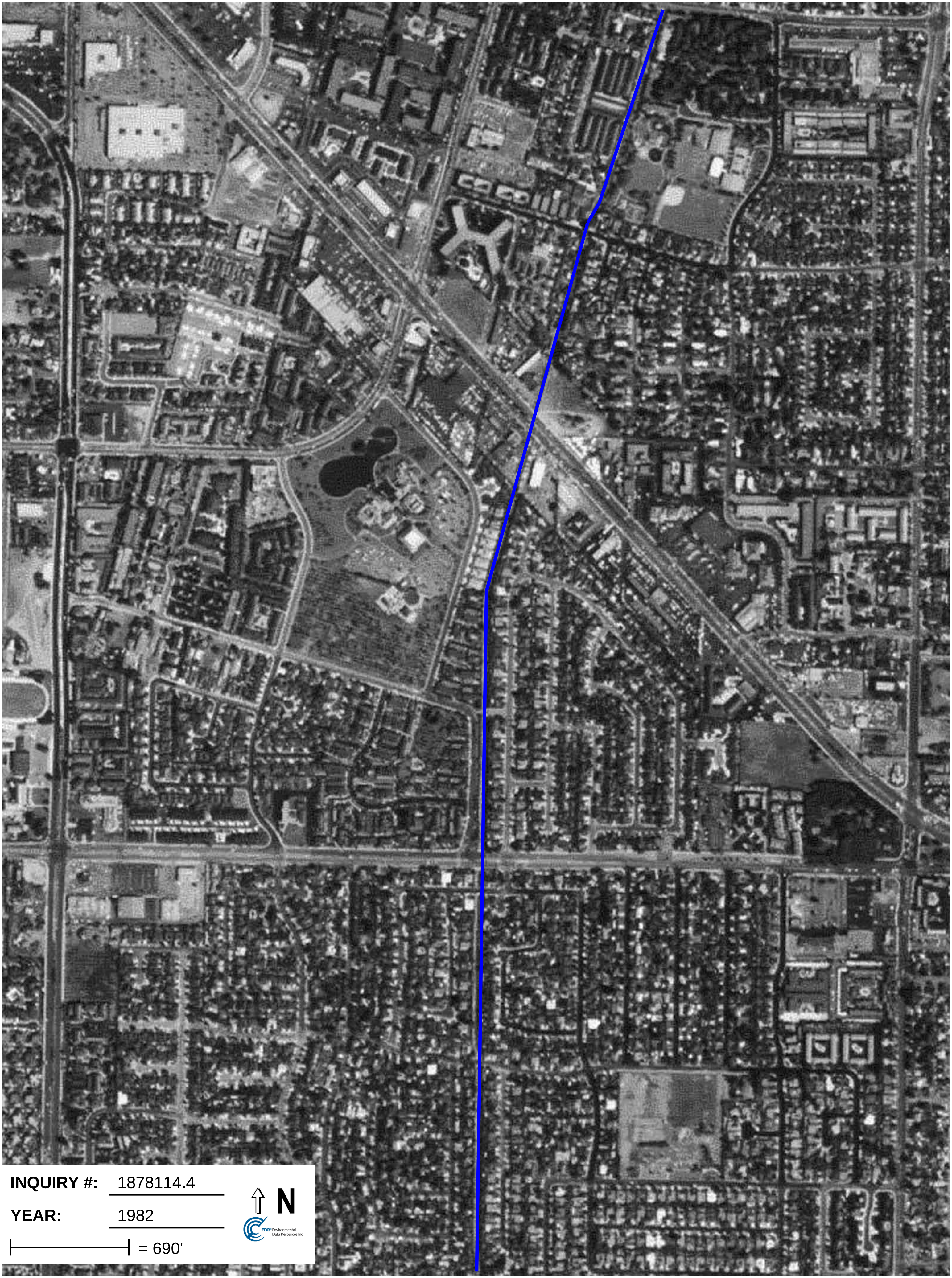
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YEAR: 1982
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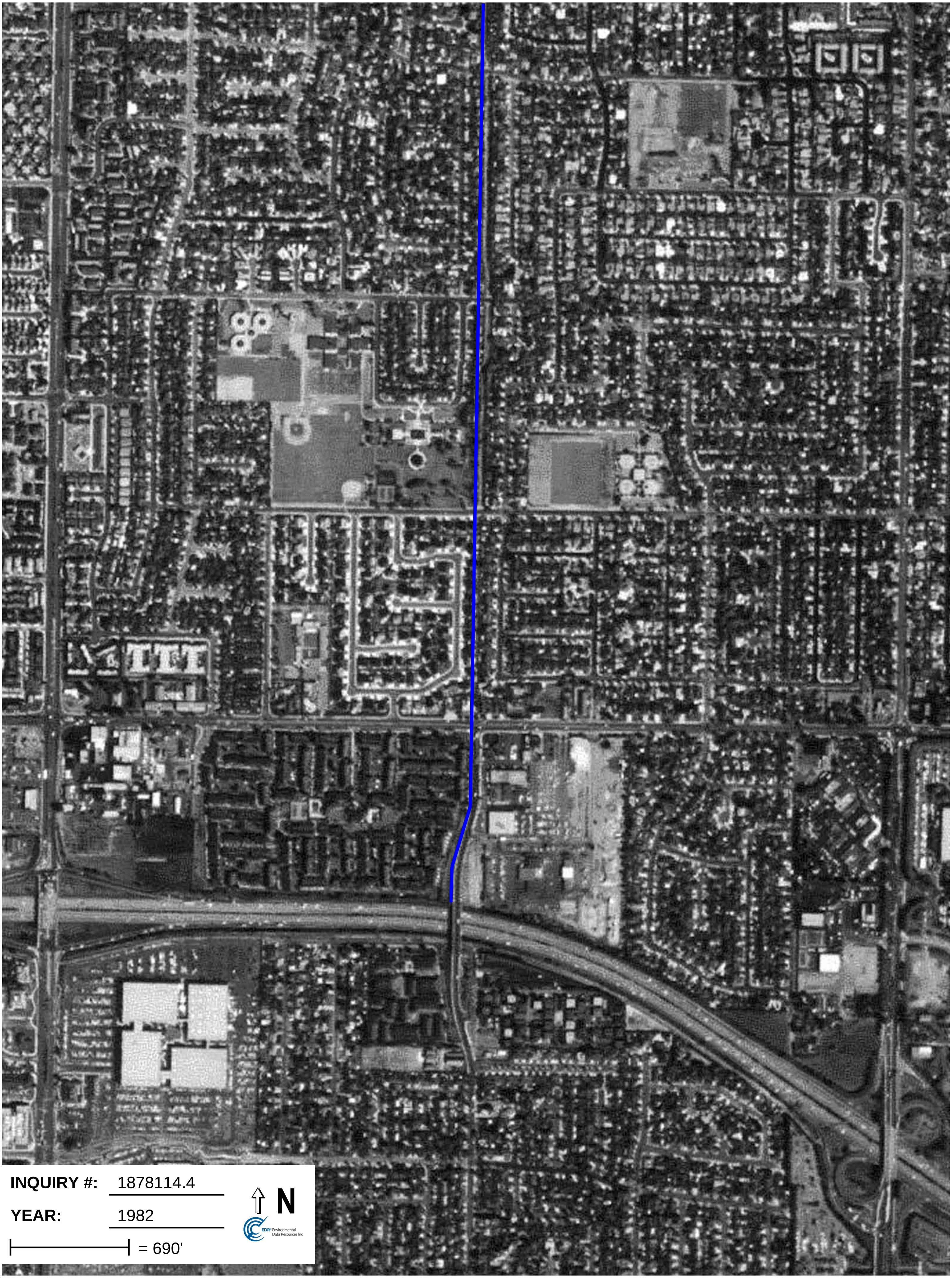
EDR Environmental Data Resources Inc



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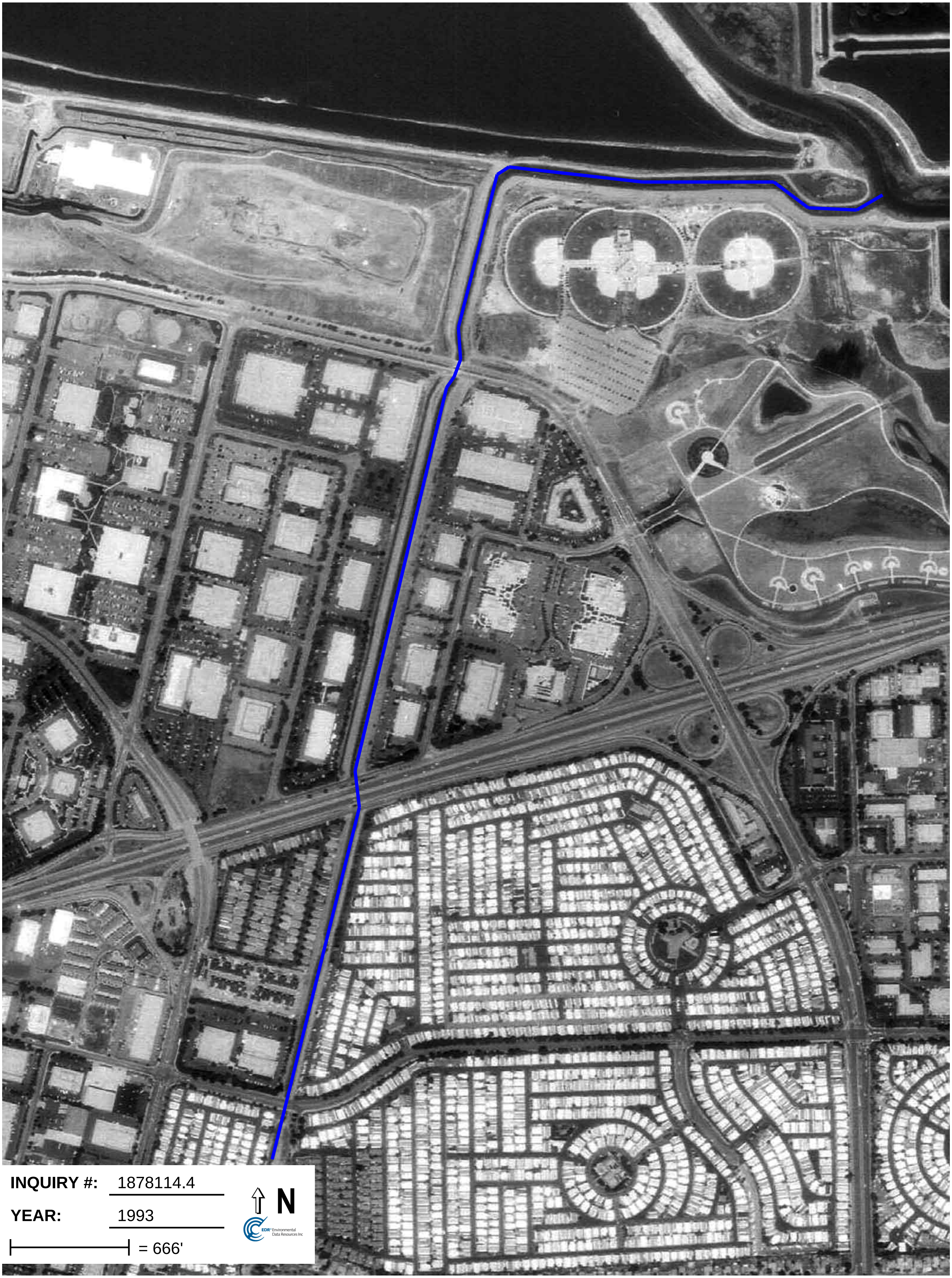

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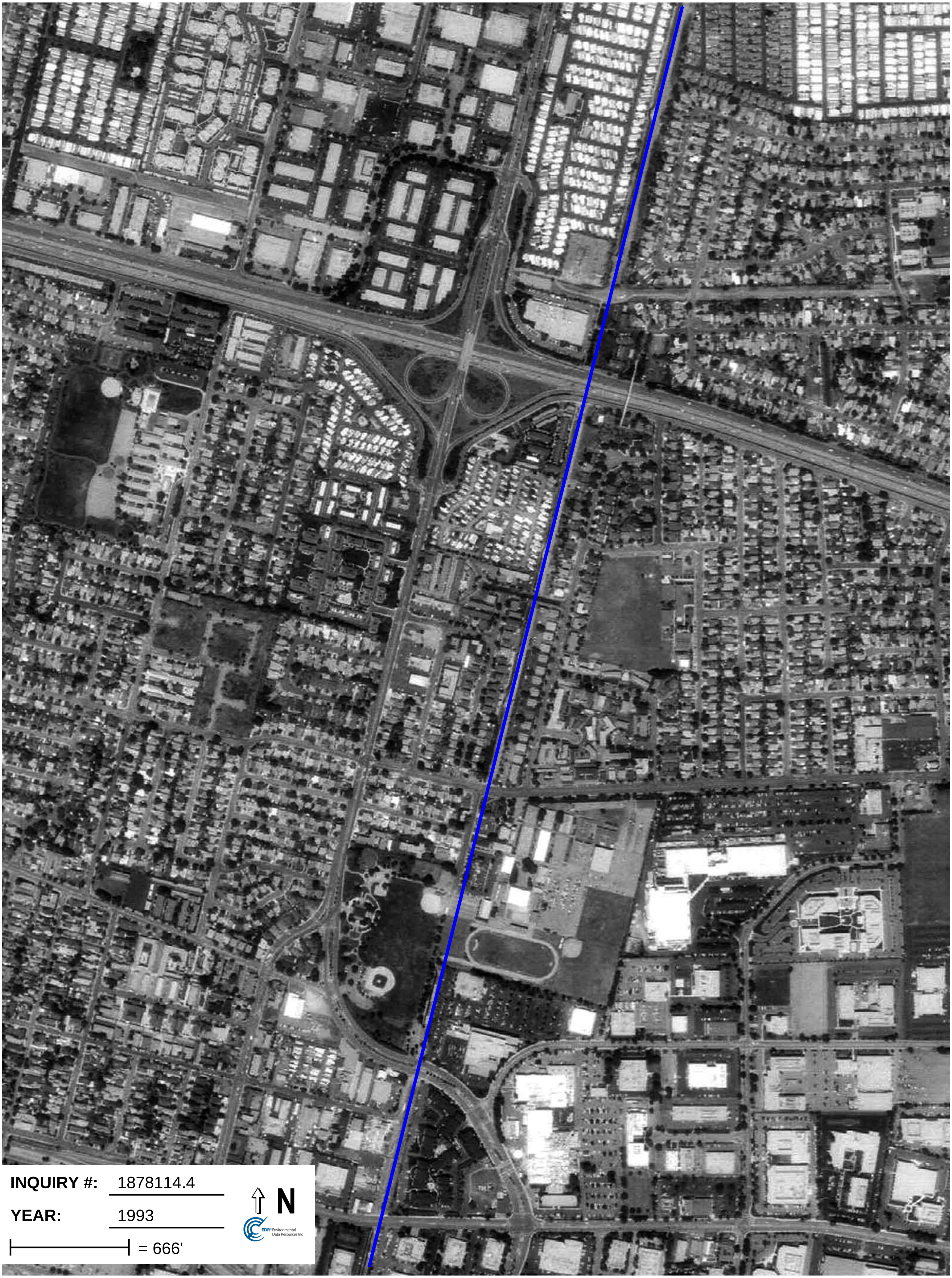
= 666'



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YEAR: 1993

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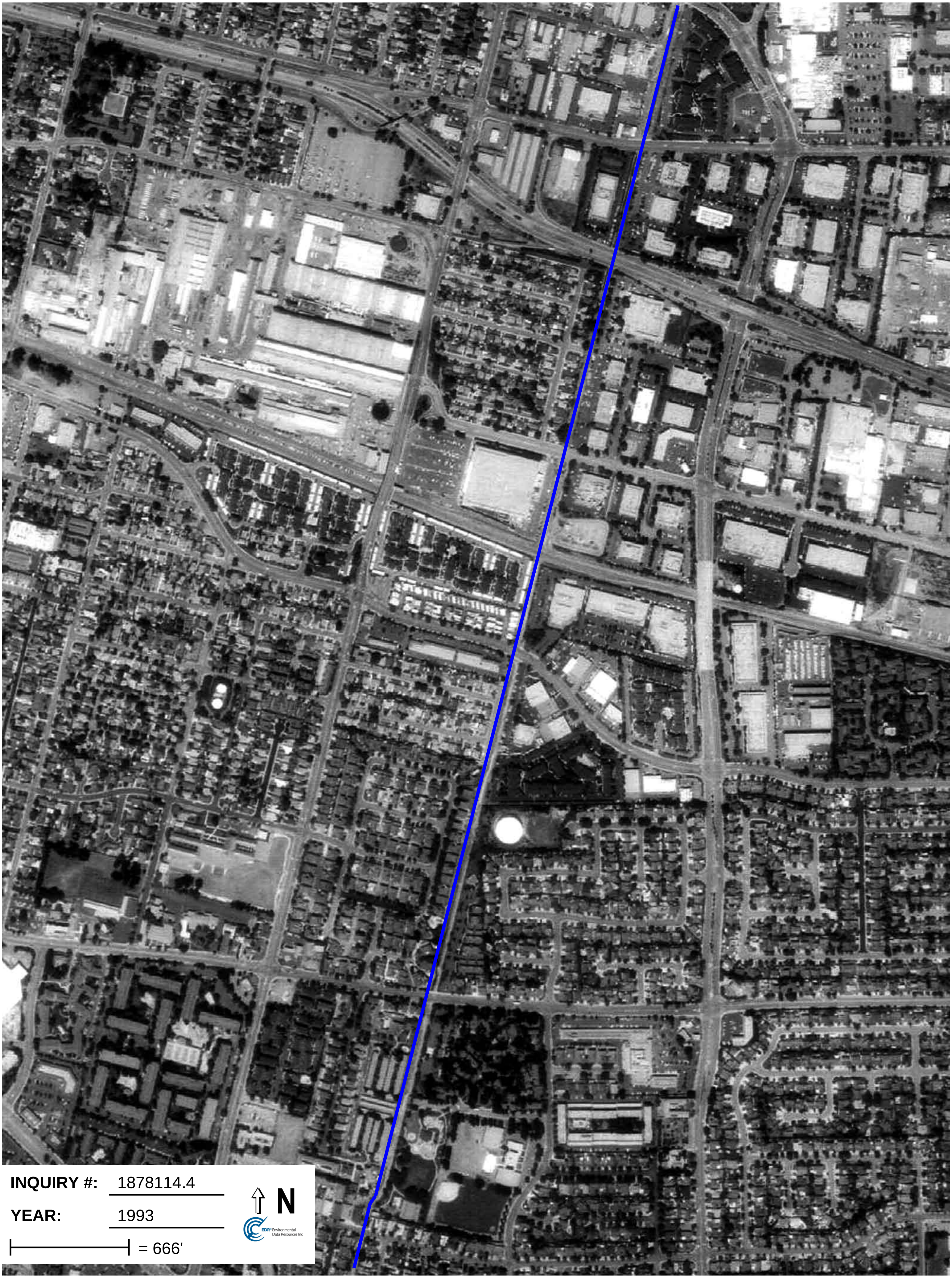

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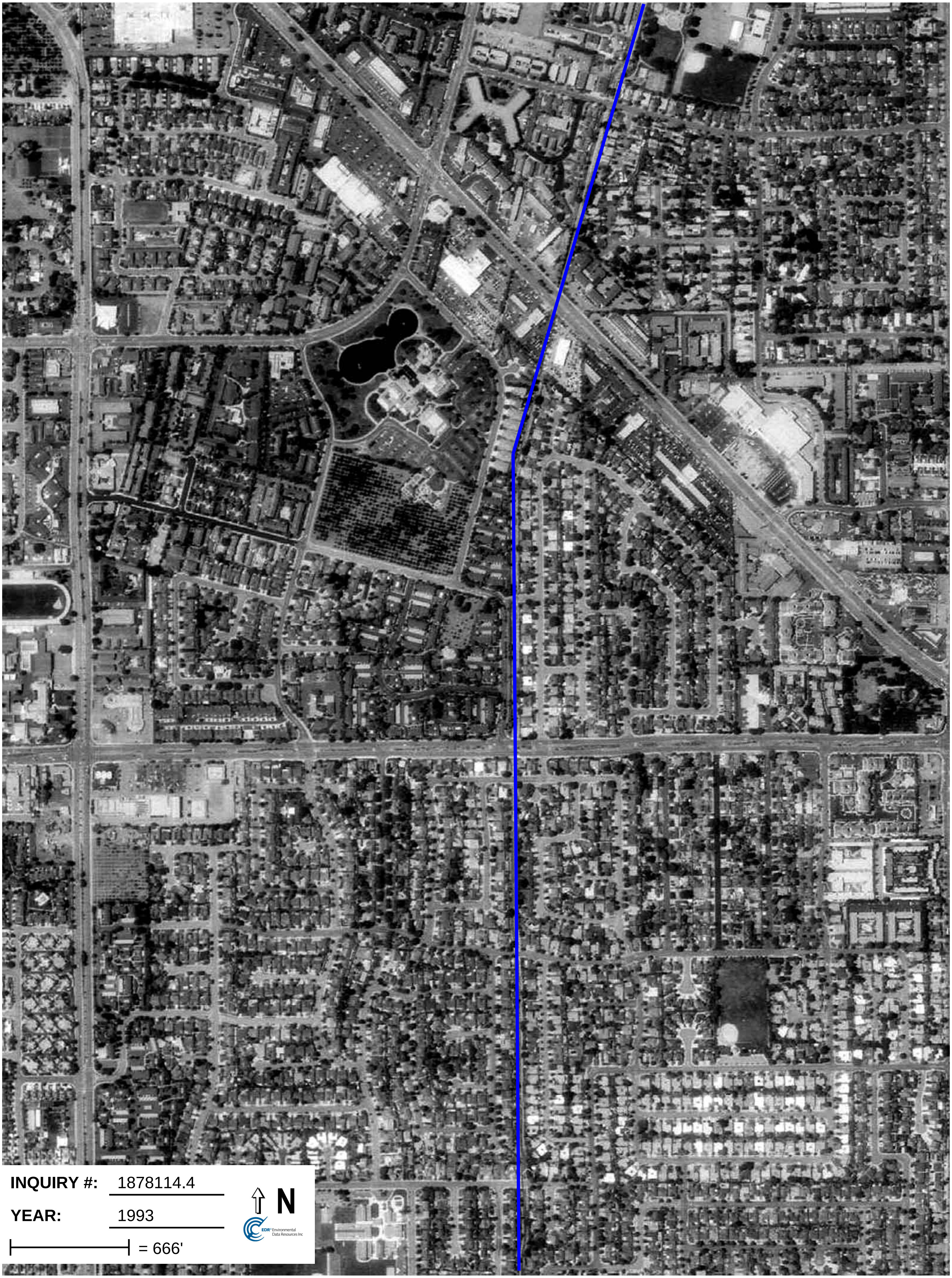

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YEAR: 1993

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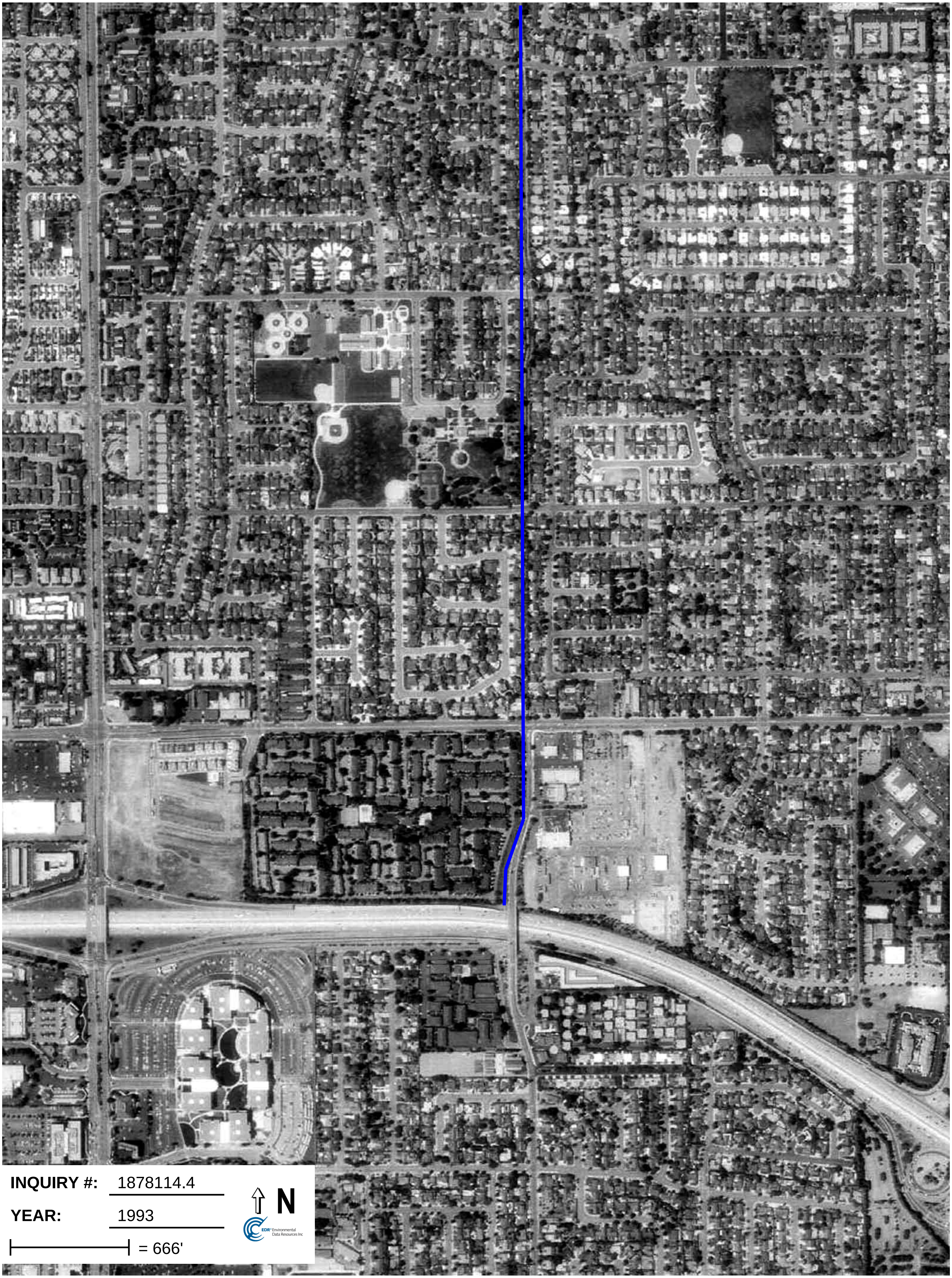

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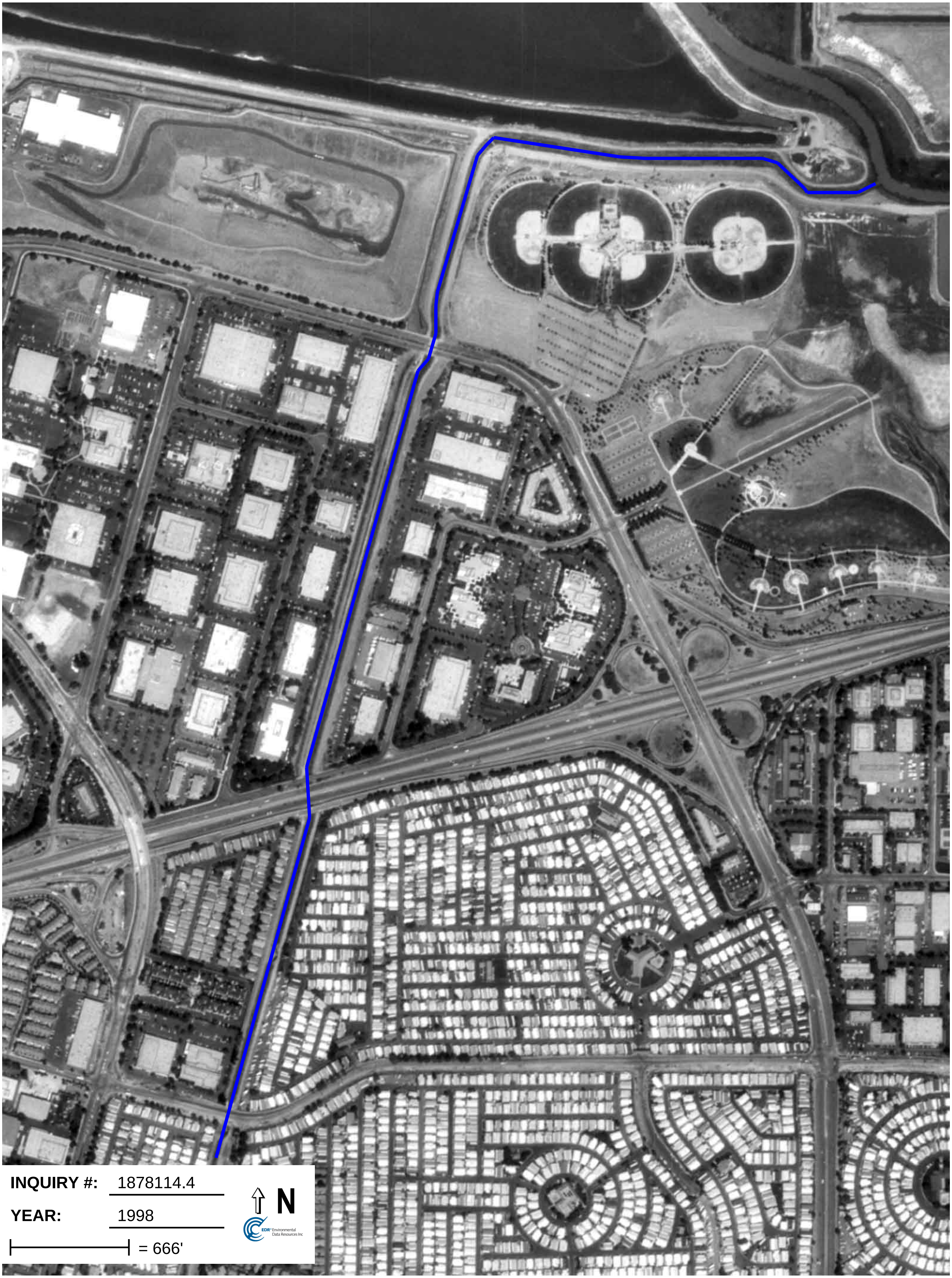

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YEAR: 1998

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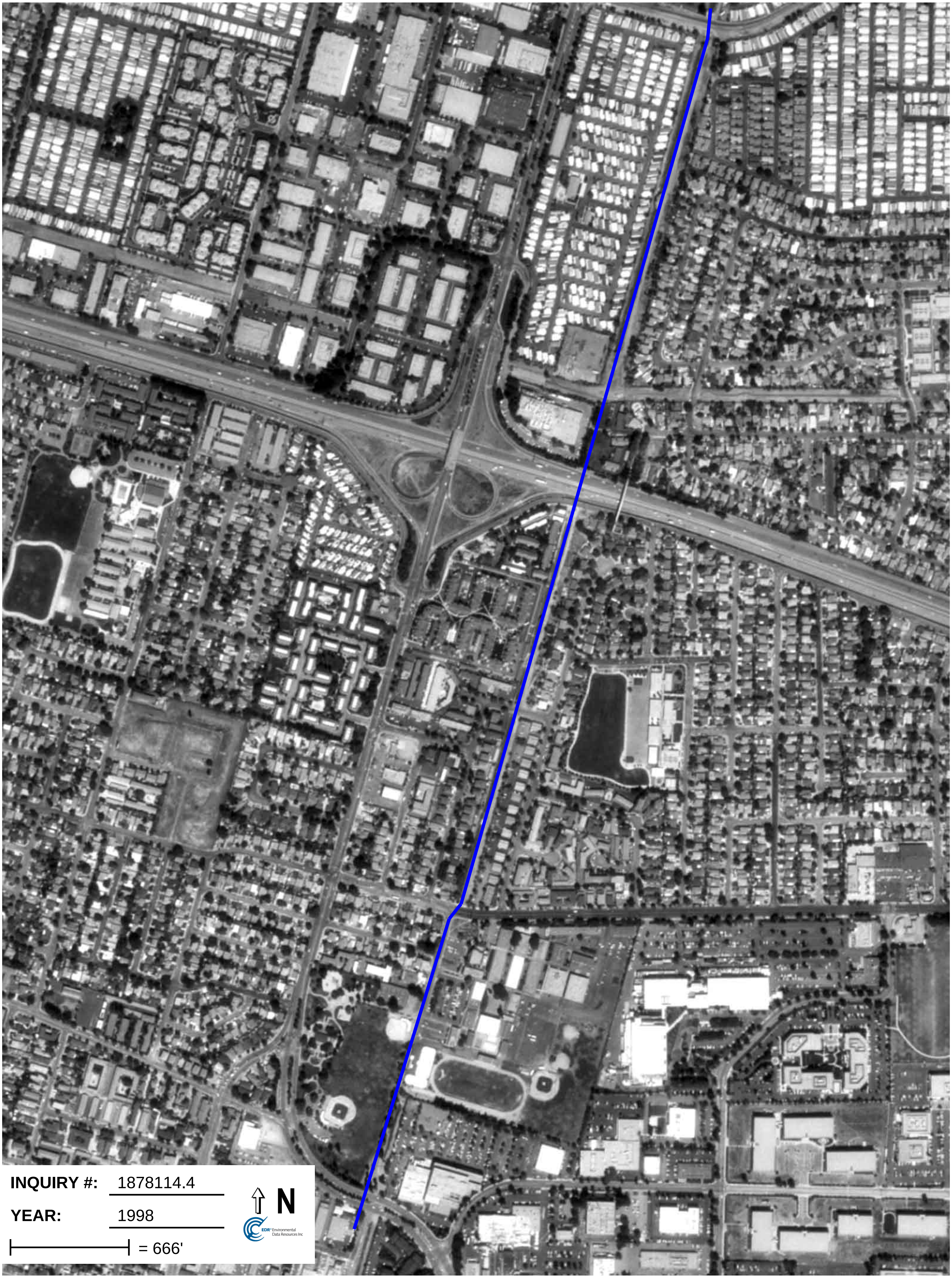
EDR® Environmental Data Resources Inc



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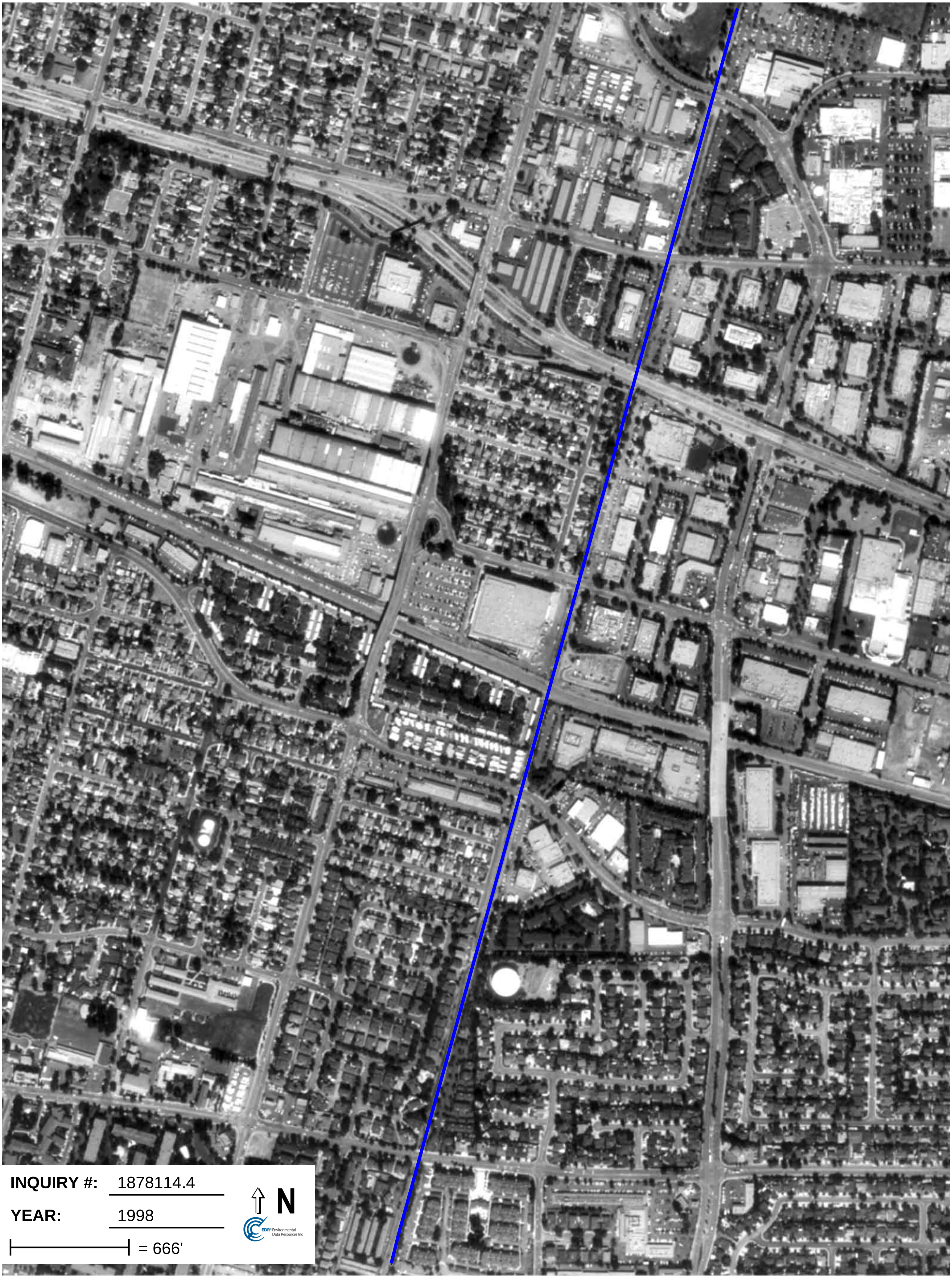
EDR Environmental Data Resources Inc



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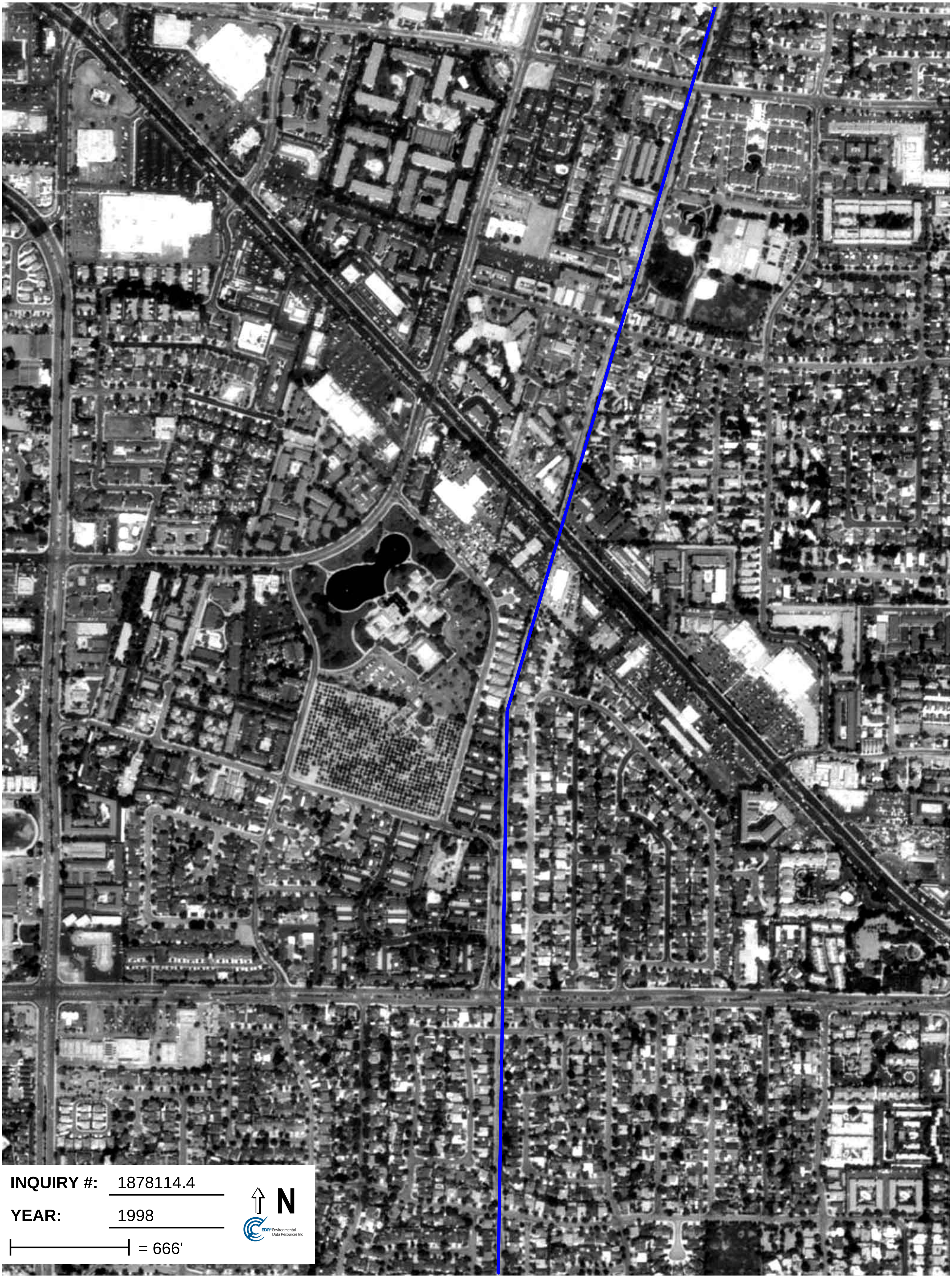

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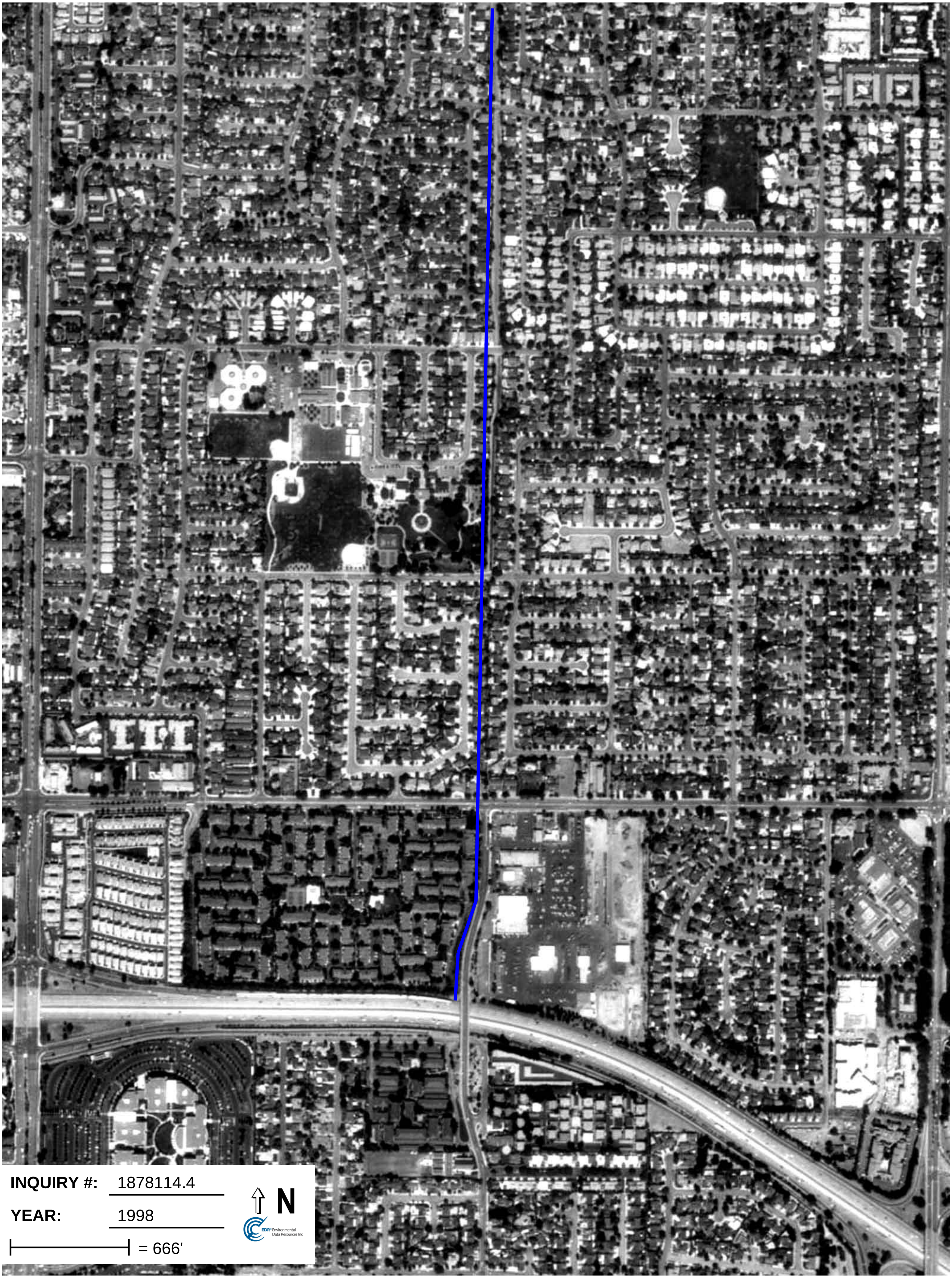

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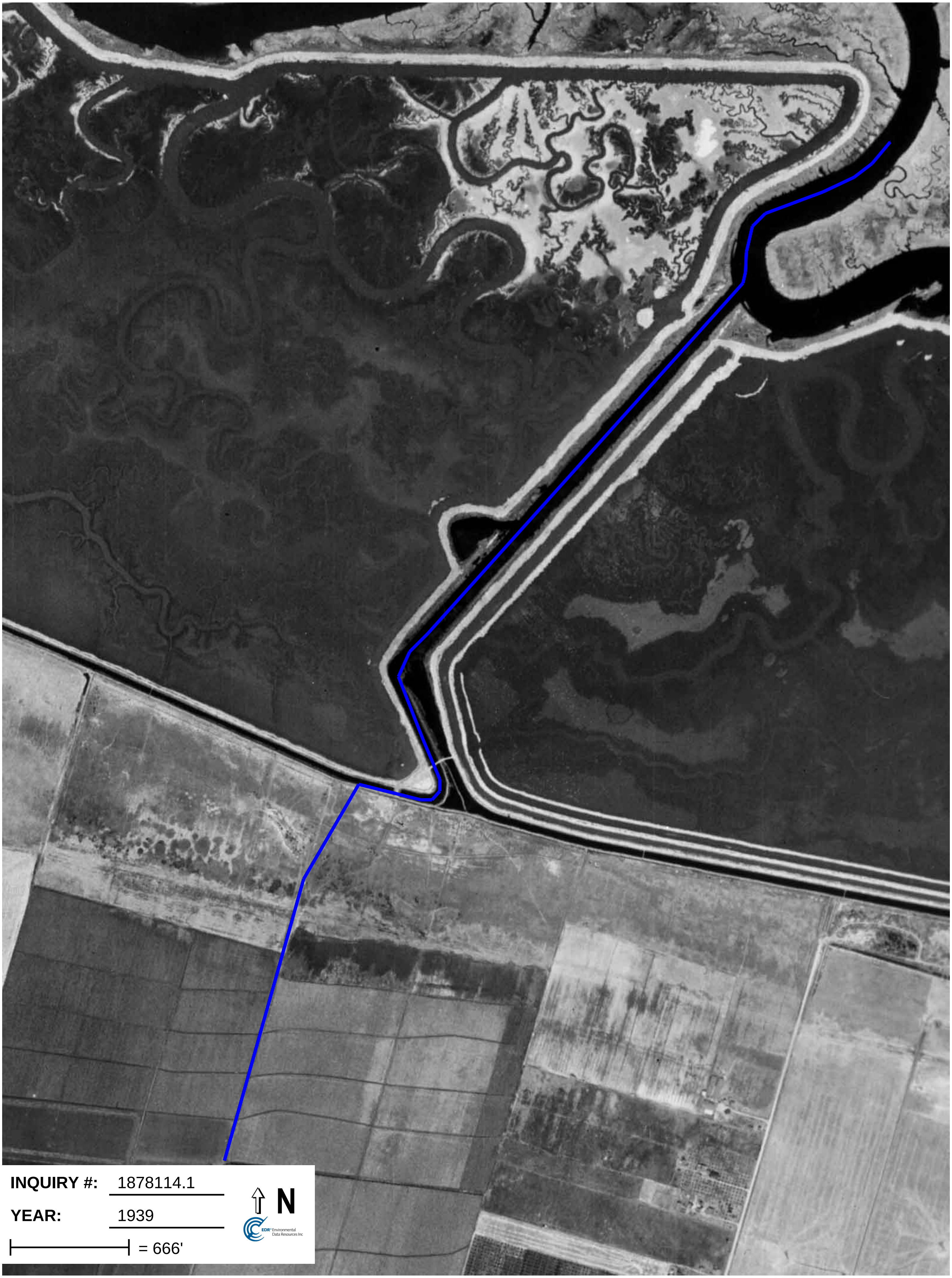

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YEAR: 1939

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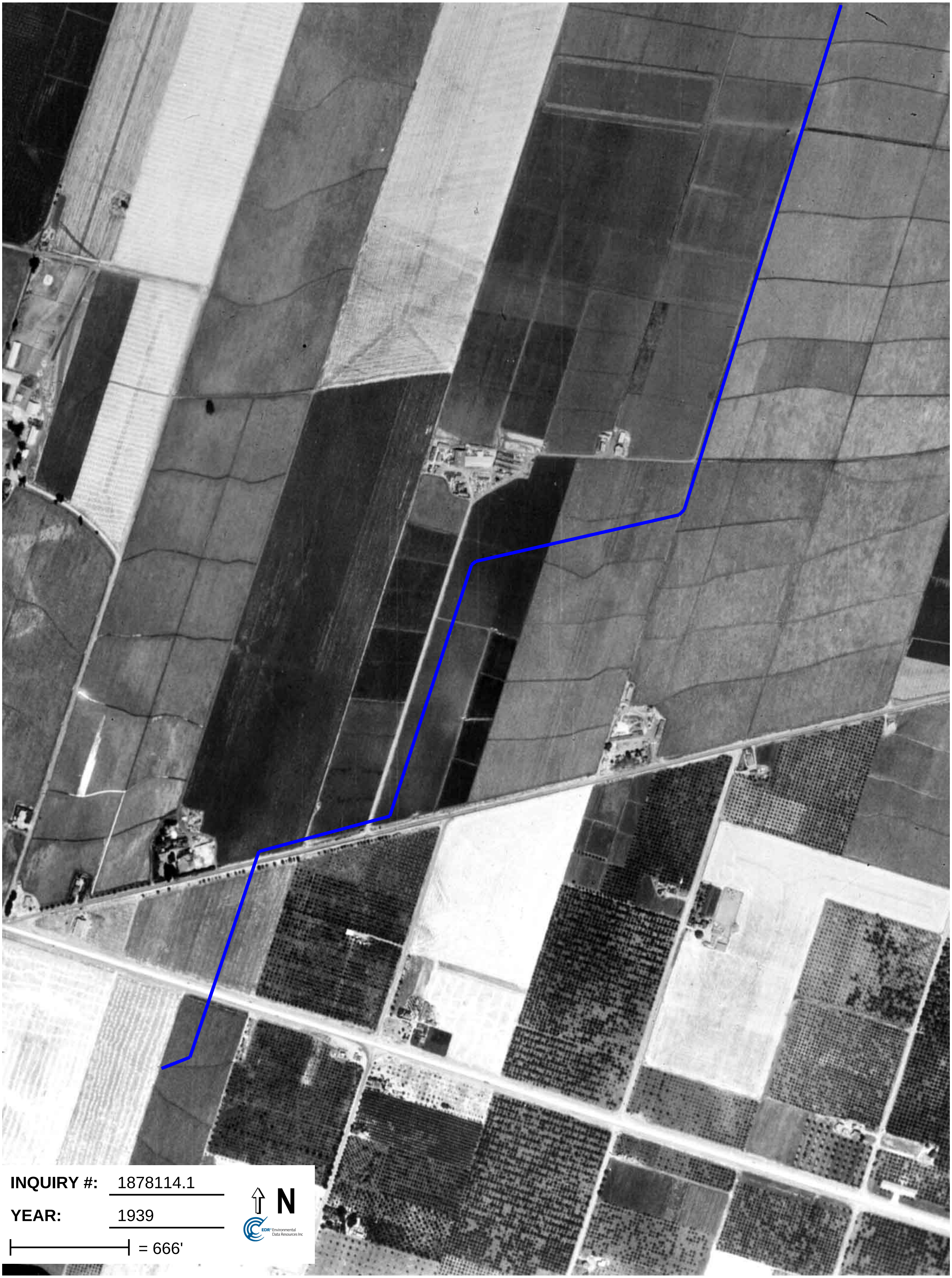
EDR® Environmental Data Resources Inc



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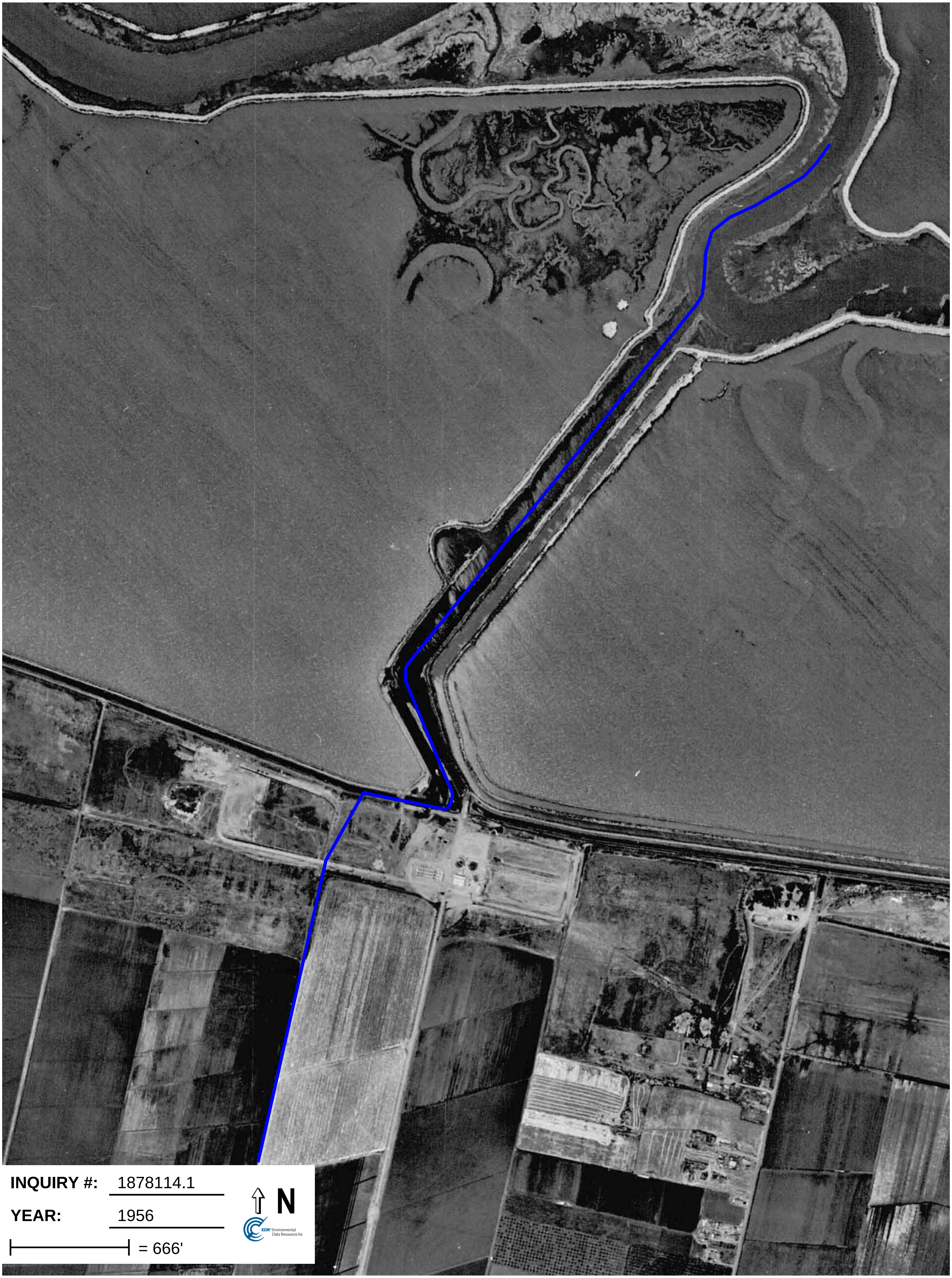

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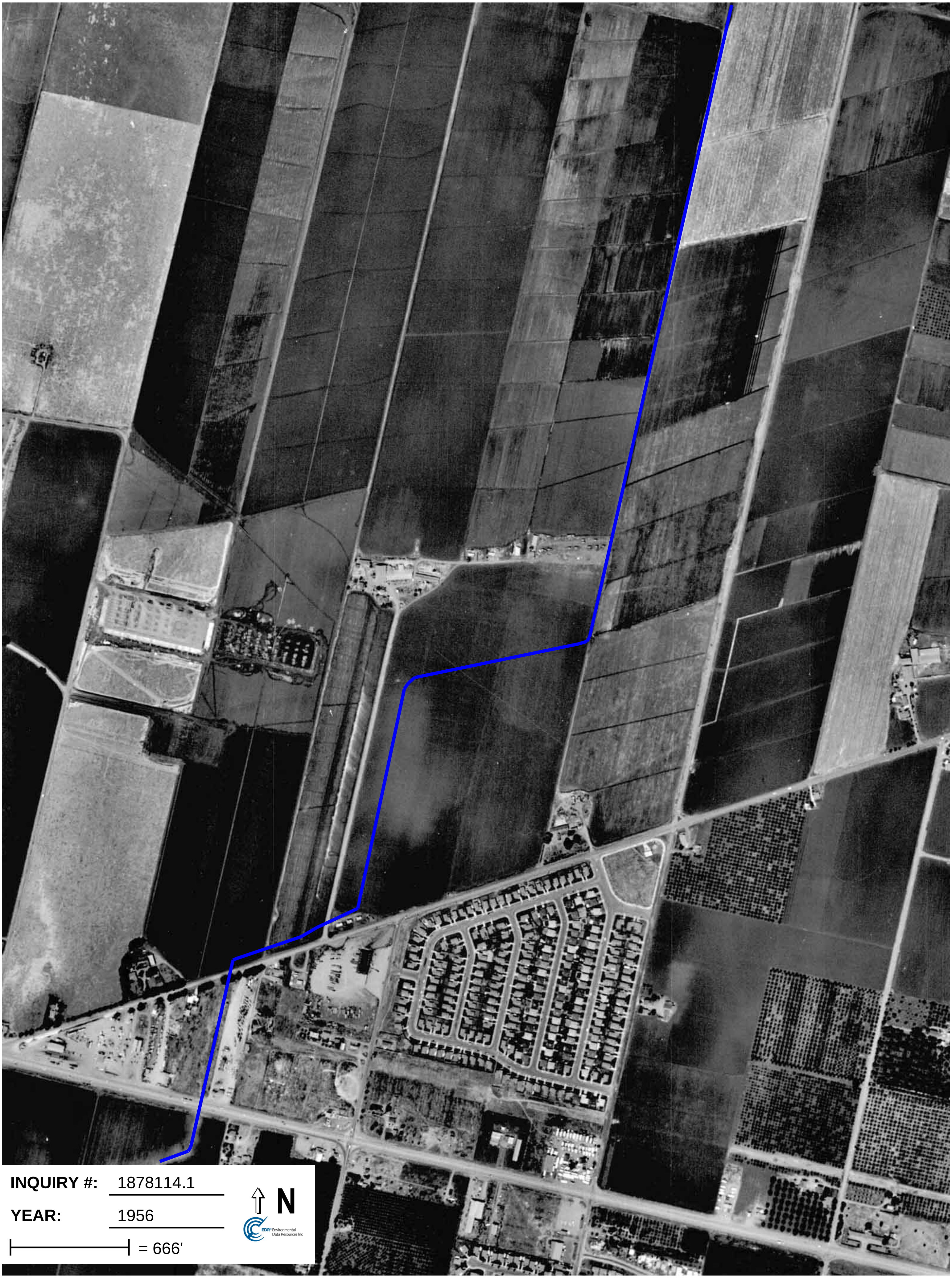

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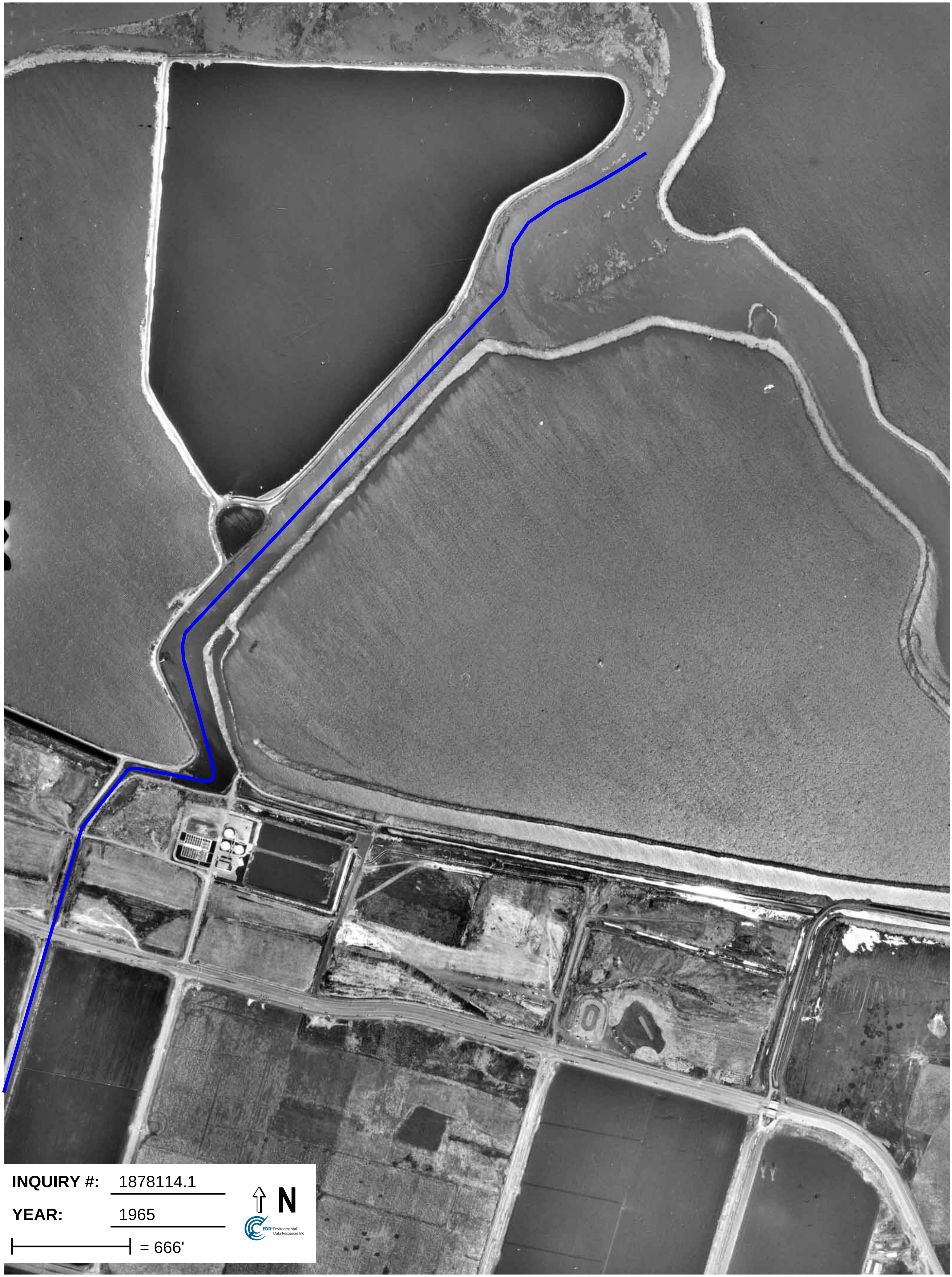
EDR Environmental Data Resources Inc



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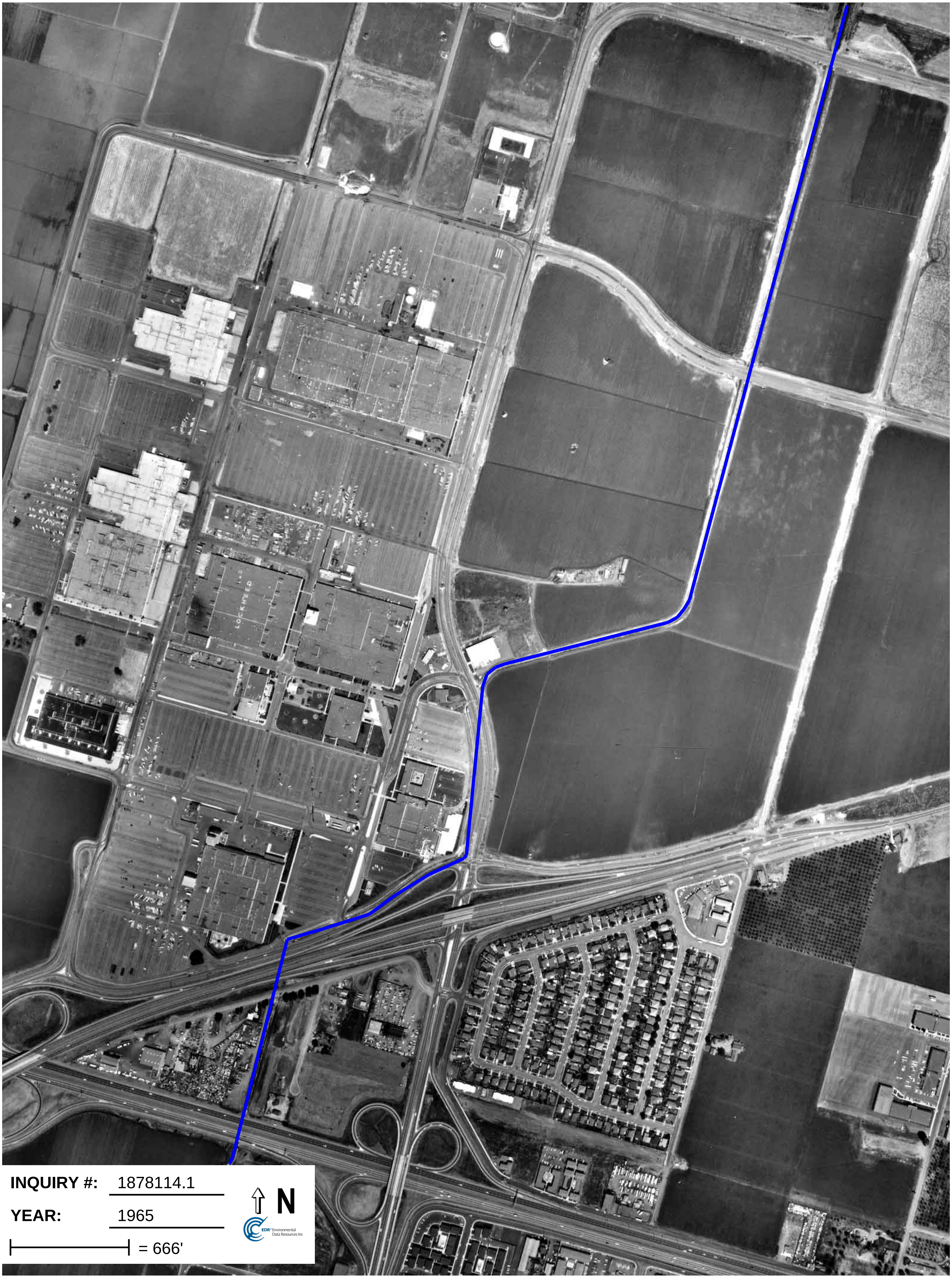

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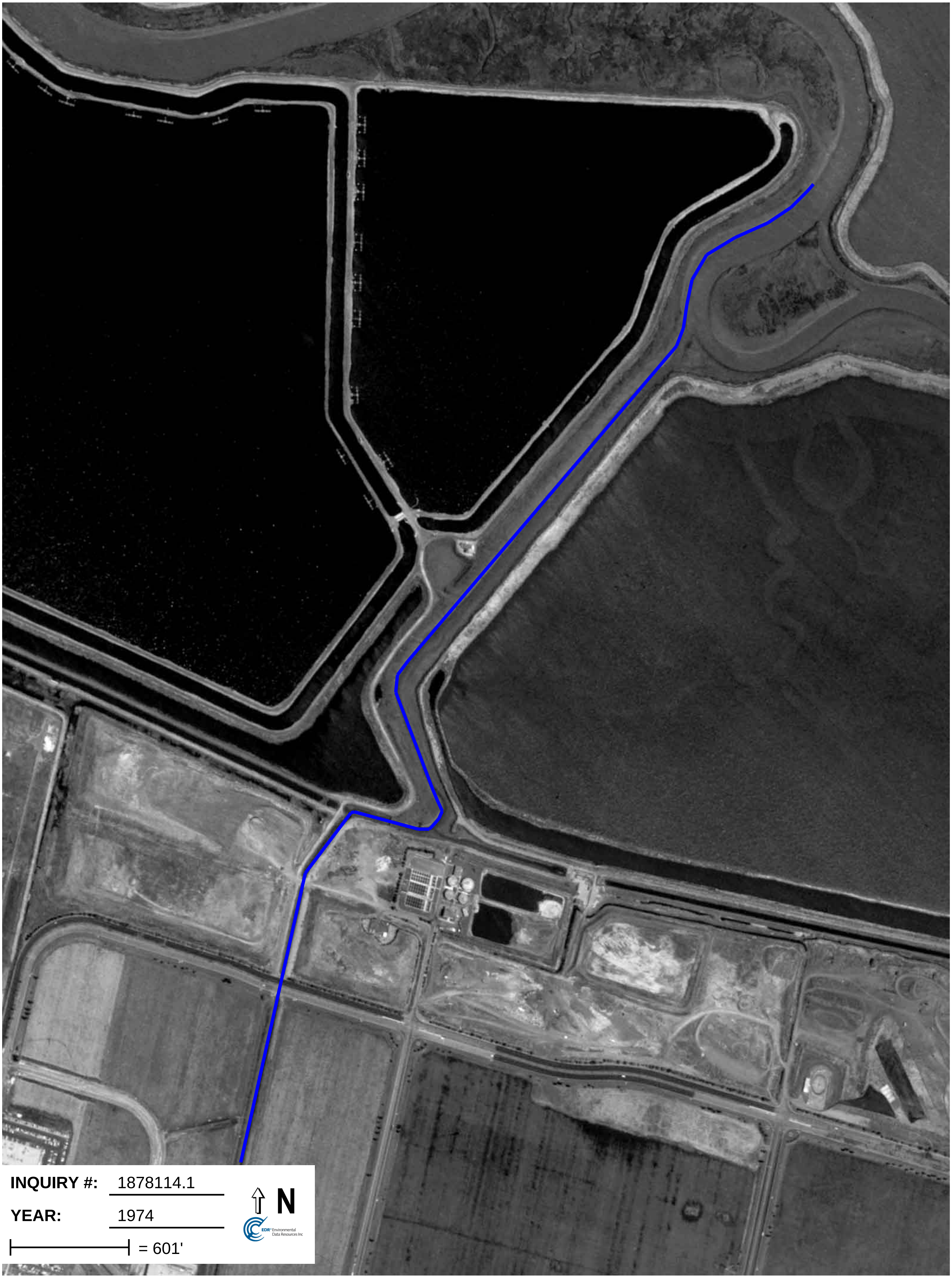
YEAR: 1965

= 666'

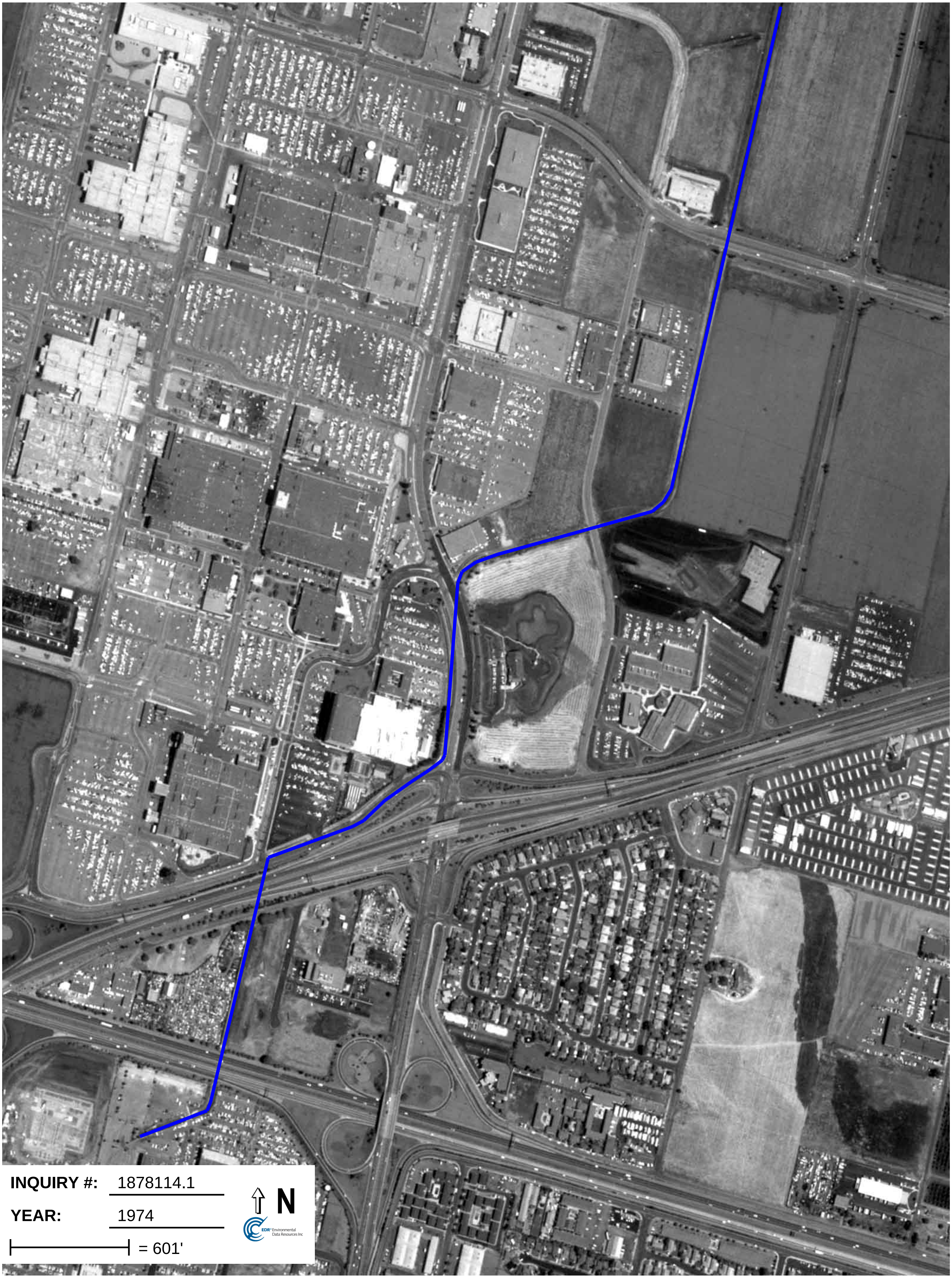
N



INQUIRY #: 1878114.1

YEAR: 1974

= 601'

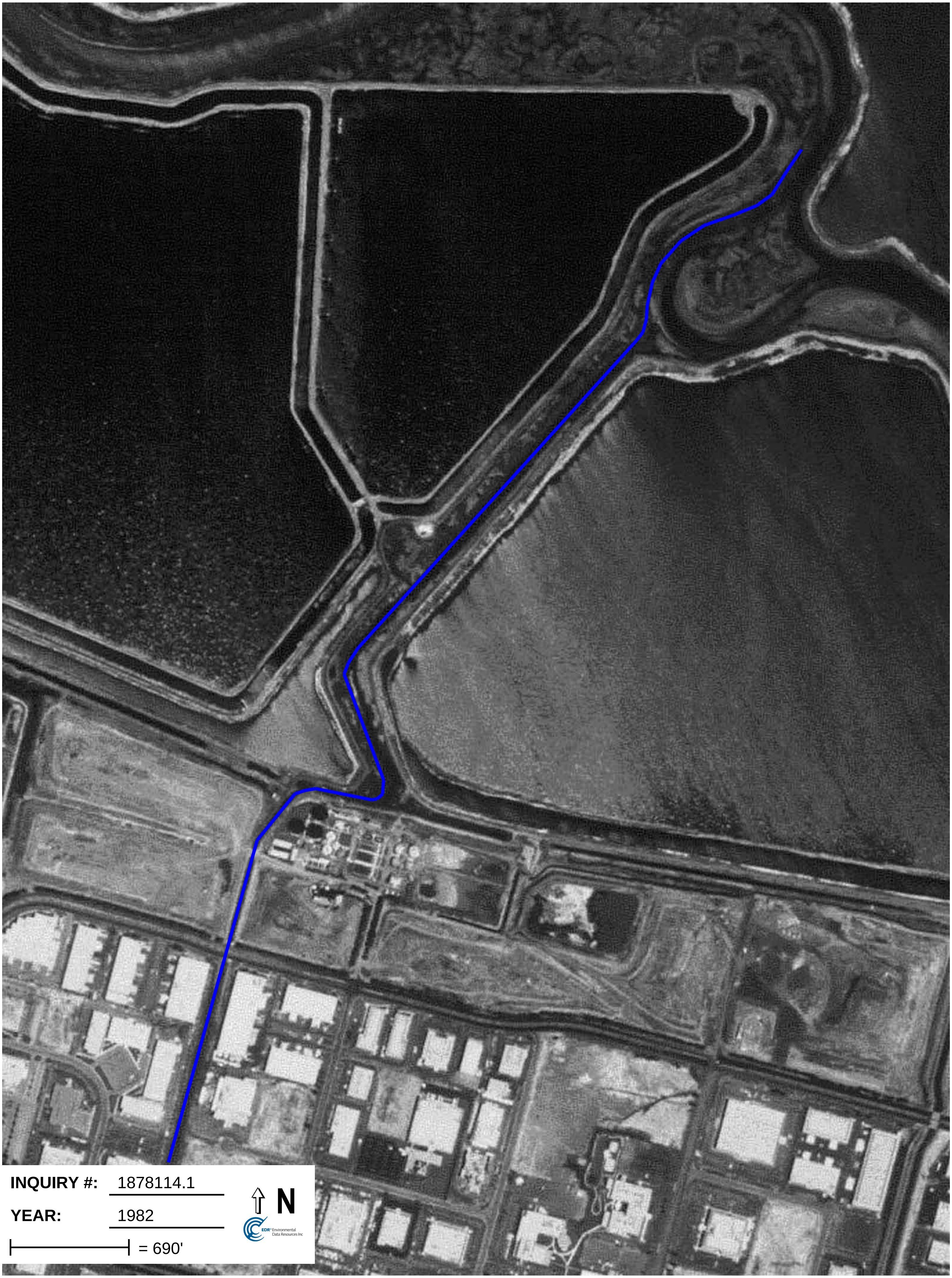


INQUIRY #: 1878114.1

YEAR: 1974

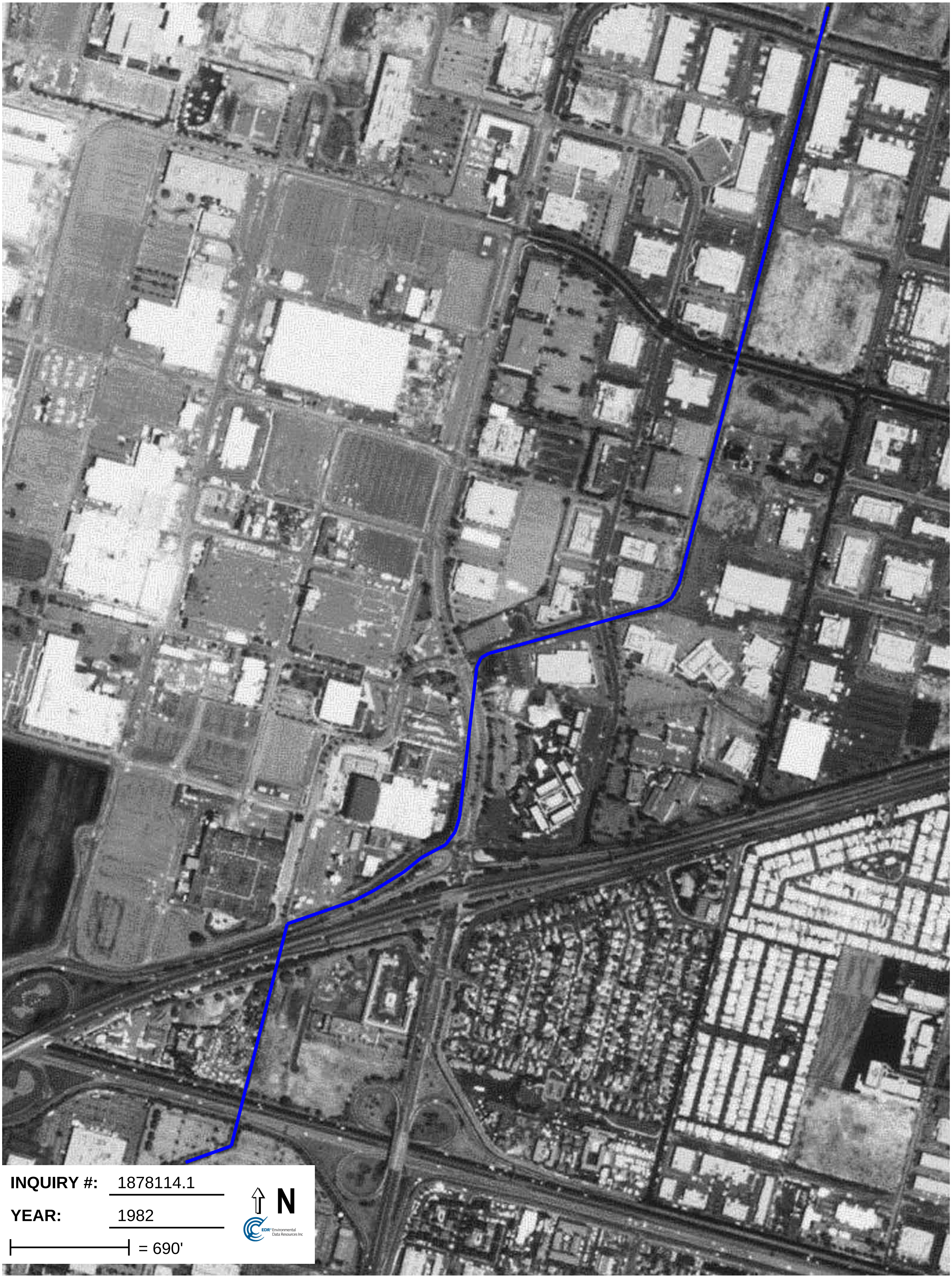
= 601'

EDR Environmental Data Resources Inc



INQUIRY #: 1878114.1

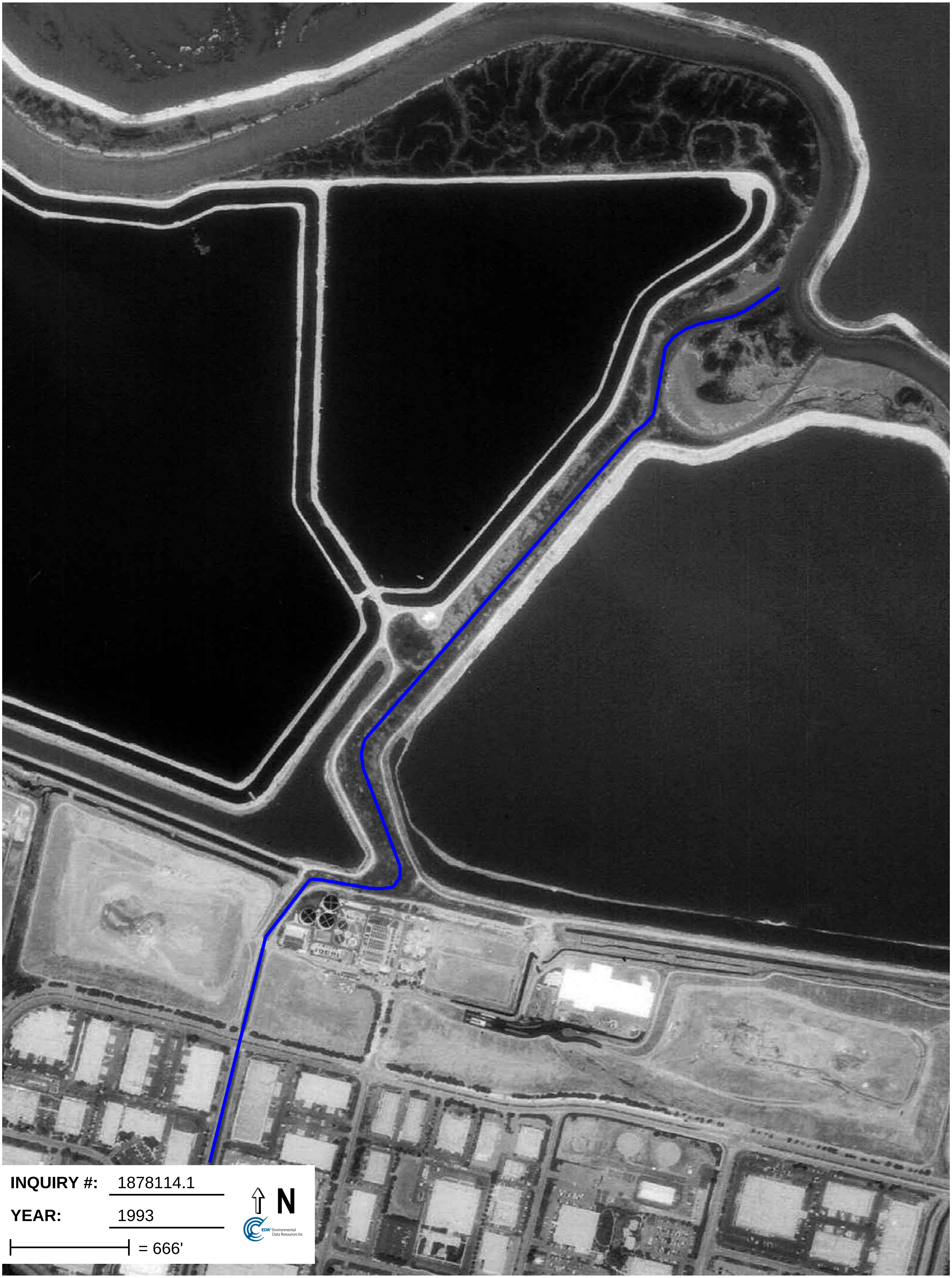
YEAR: 1982



INQUIRY #: 1878114.1

YEAR: 1982

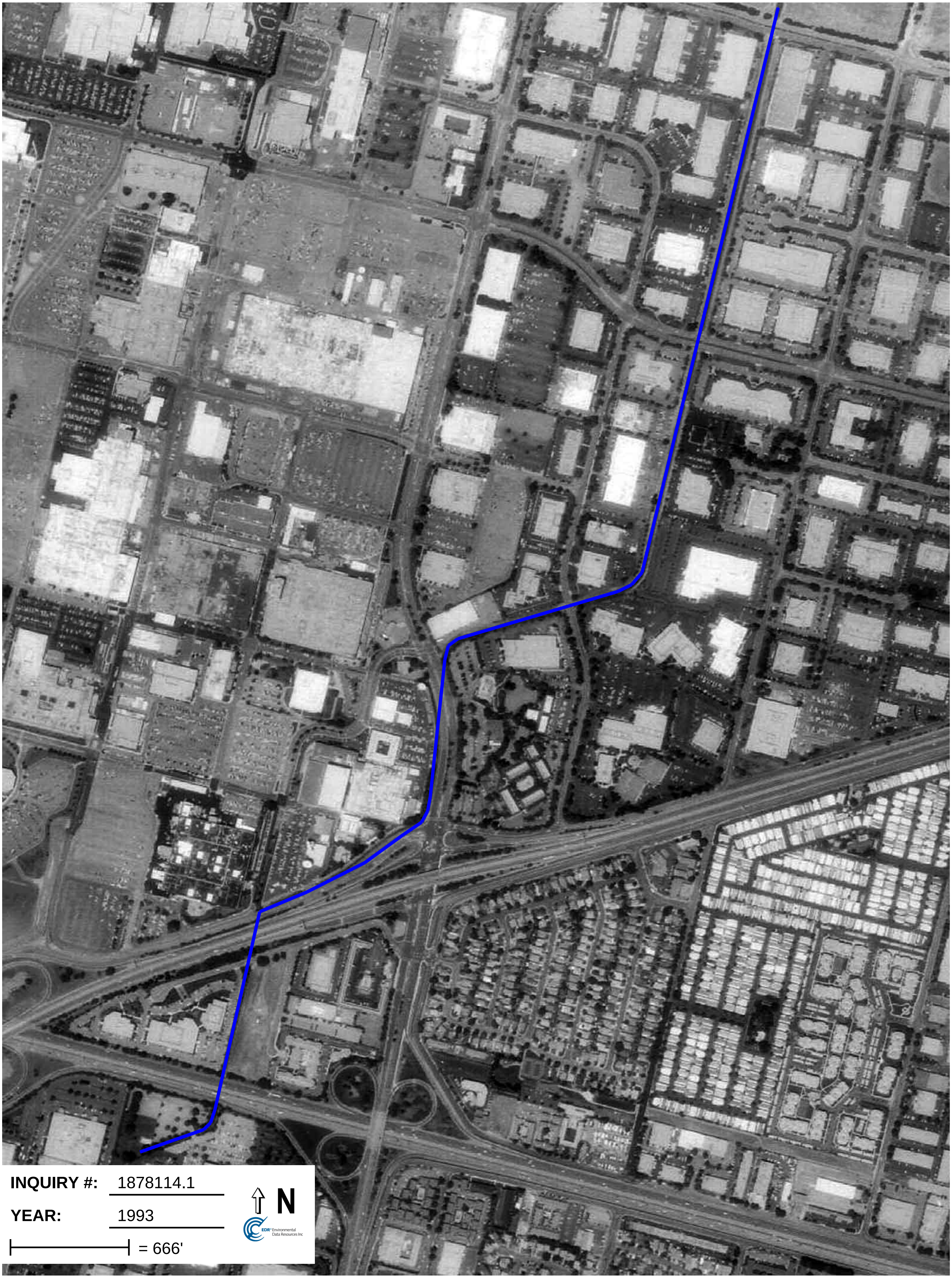
= 690'



INQUIRY #: 1878114.1

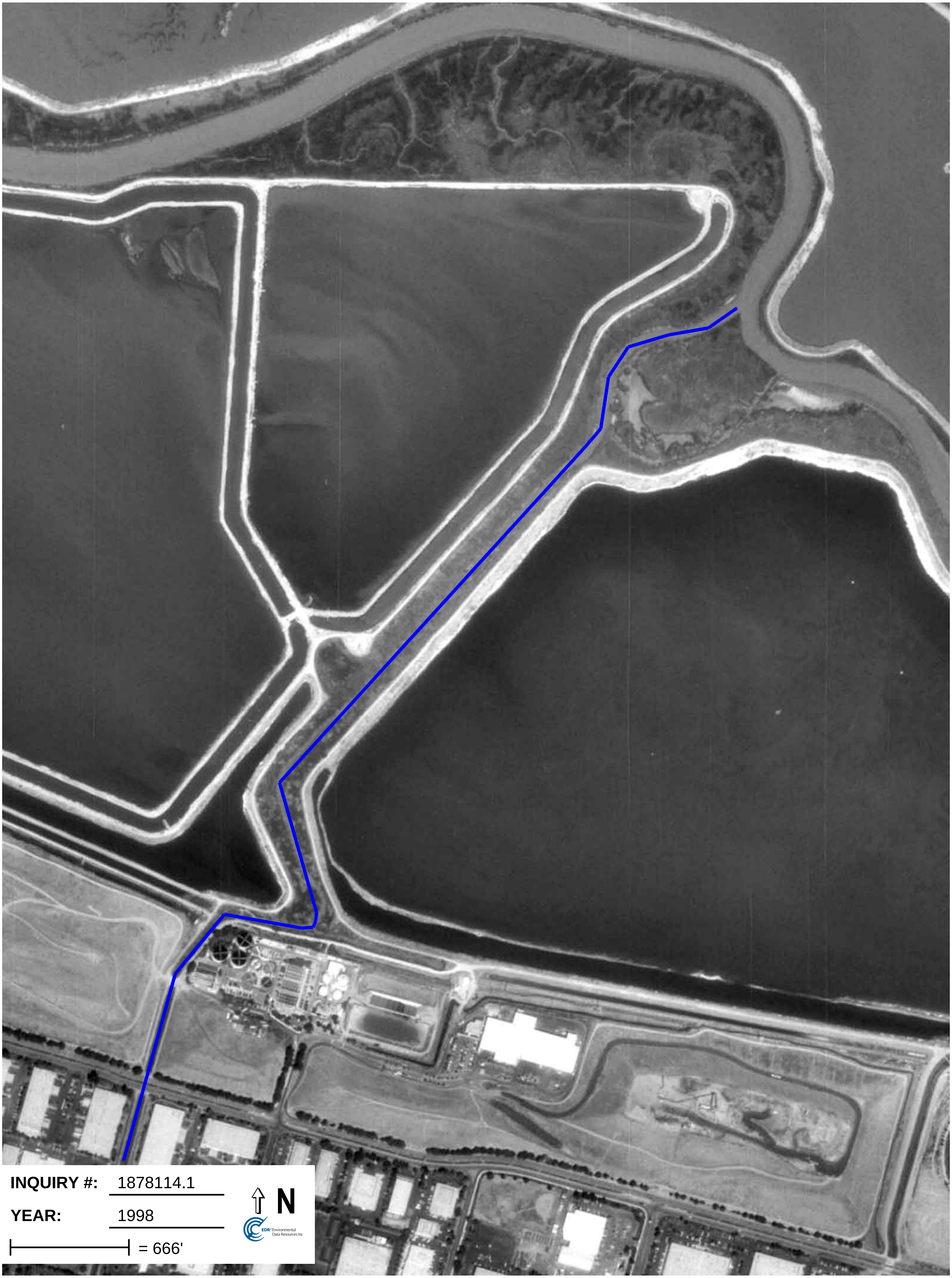
YEAR: 1993

= 666'



INQUIRY #: 1878114.1

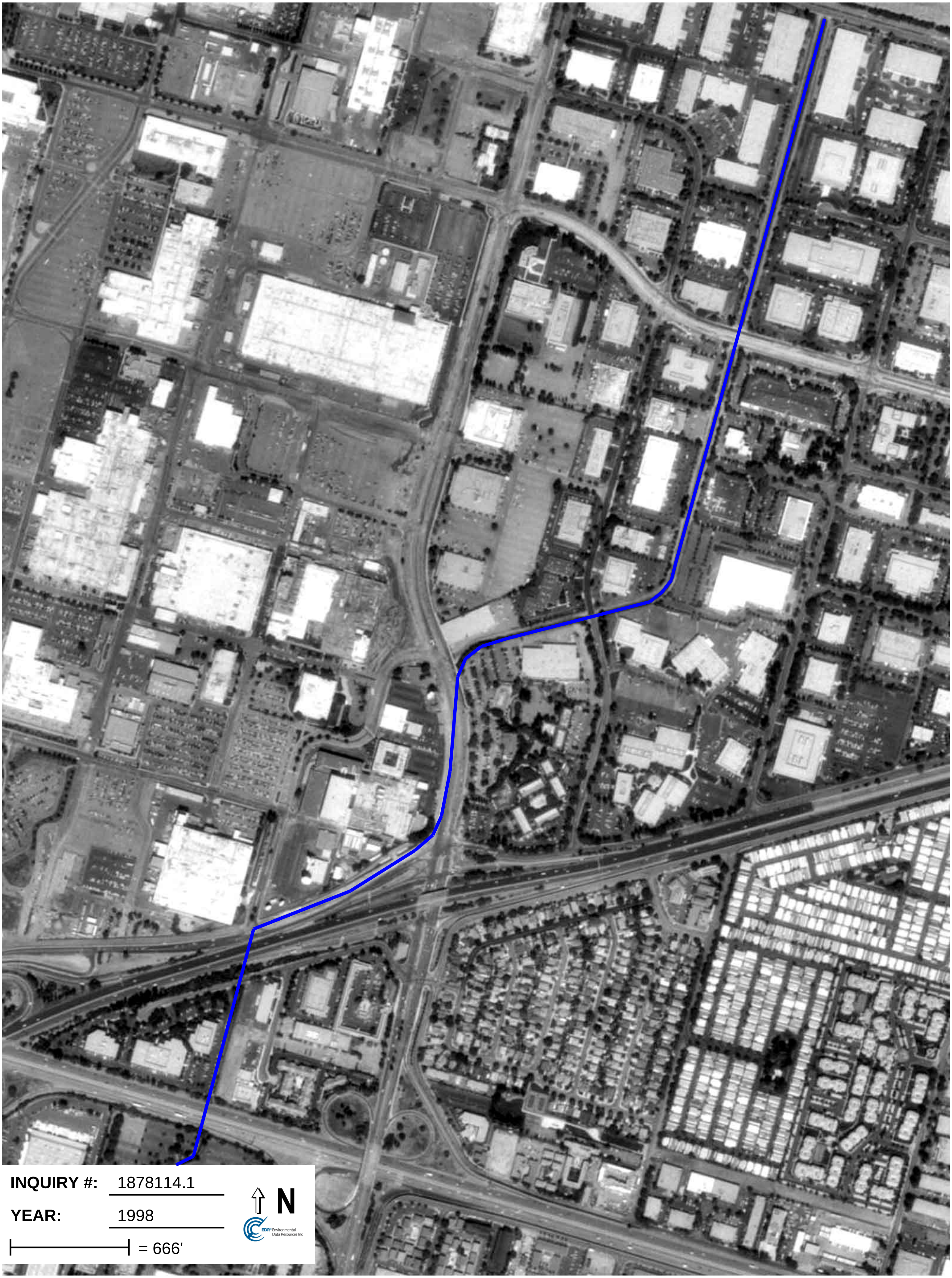
YEAR: 1993



INQUIRY #: 1878114.1

YEAR: 1998

= 666'



INQUIRY #: 1878114.1

YEAR: 1998

= 666'

EDR® Environmental Data Resources Inc

EDR Historical Topographic Map Report

Sunnyvale East Channel
Sunnyvale East Channel
Sunnyvale, CA 94089

Inquiry Number: 1878114.6

March 14, 2007

The Standard in Environmental Risk Management Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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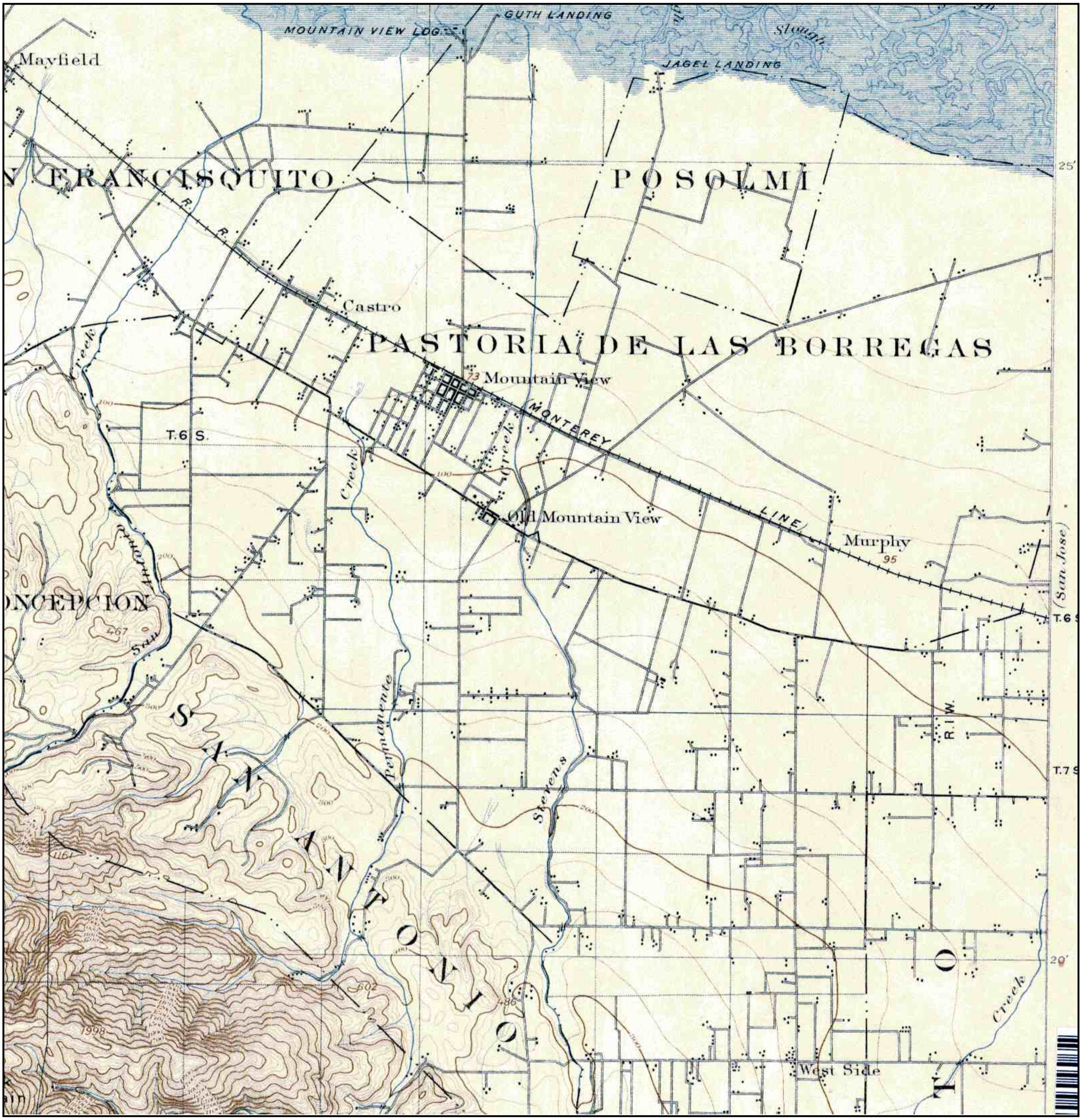
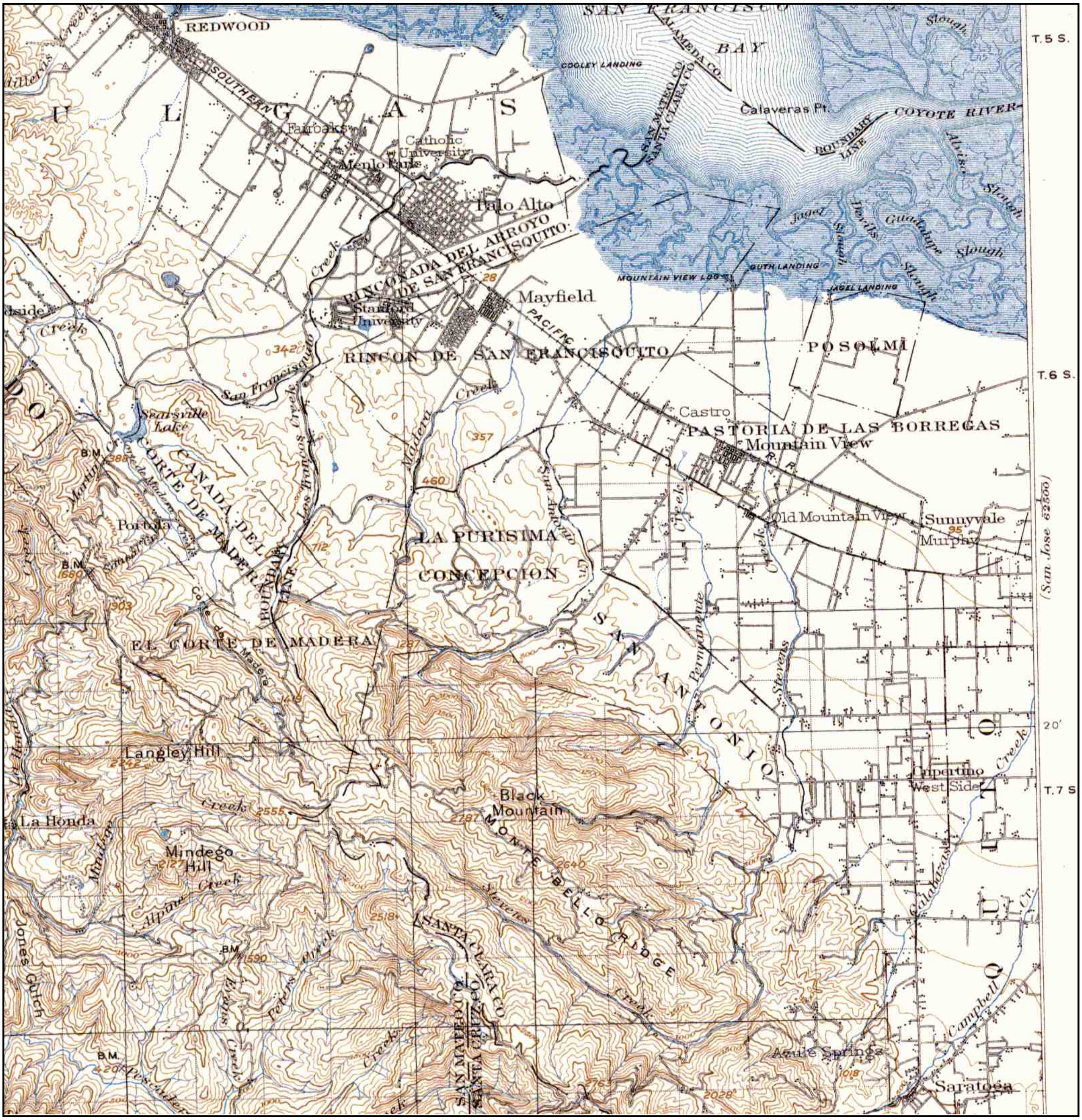
Historical Topographic Map



N	TARGET QUAD NAME: PALO ALTO MAP YEAR: 1899 SERIES: 15 SCALE: 1:62500	SITE NAME: Sunnyvale East Channel ADDRESS: Sunnyvale East Channel Sunnyvale, CA 94089 LAT/LONG: 37.3648 / 122.024	CLIENT: TRC Lowney CONTACT: Stason Foster INQUIRY#: 1878114.6 RESEARCH DATE: 03/14/2007

Historical Topographic Map



N

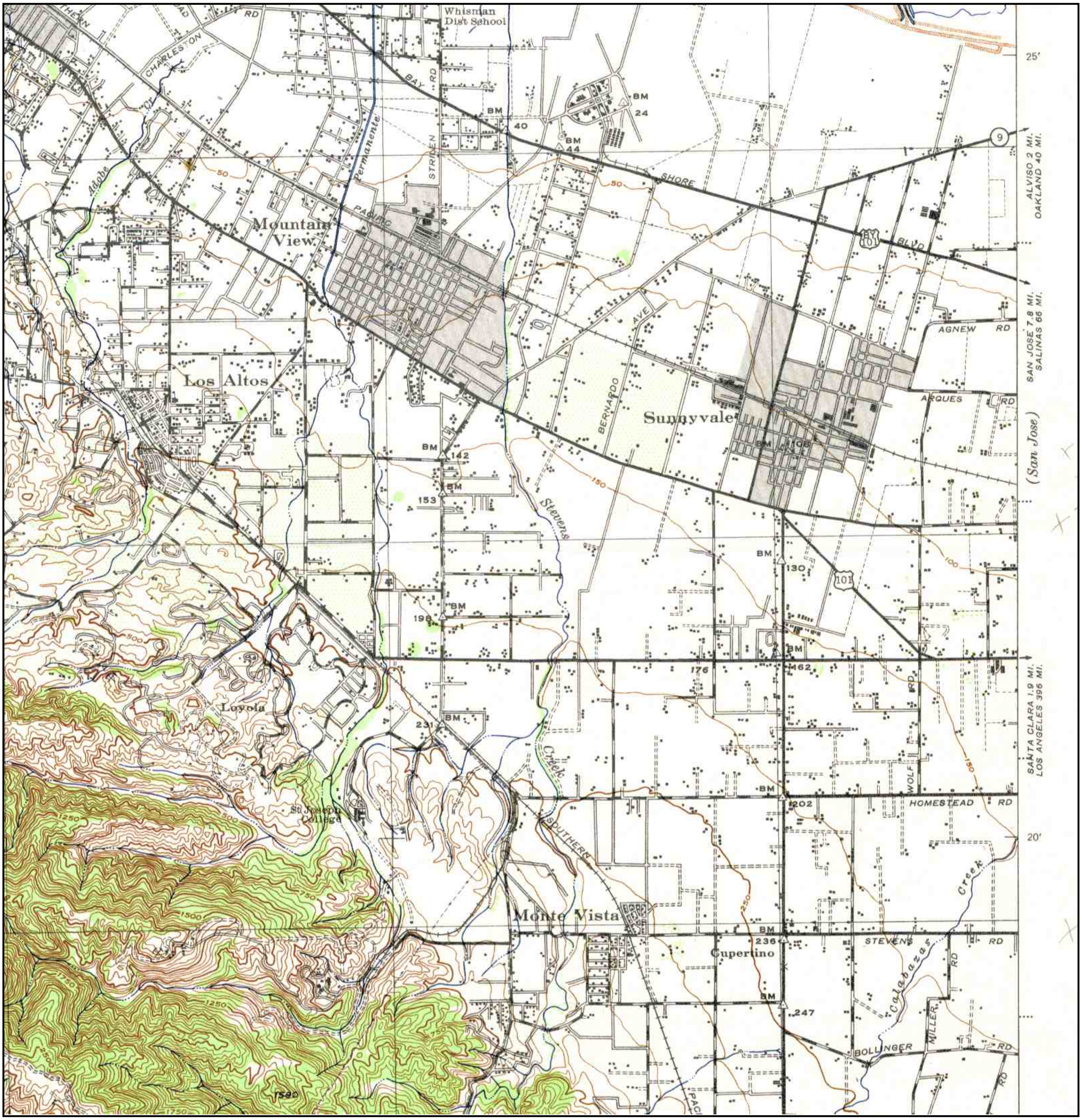
TARGET QUAD
NAME: SANTA CRUZ
MAP YEAR: 1902

SERIES: 30
SCALE: 1:125000

SITE NAME: Sunnyvale East Channel
ADDRESS: Sunnyvale East Channel
Sunnyvale, CA 94089
LAT/LONG: 37.3648 / 122.024

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.6
RESEARCH DATE: 03/14/2007

Historical Topographic Map



N

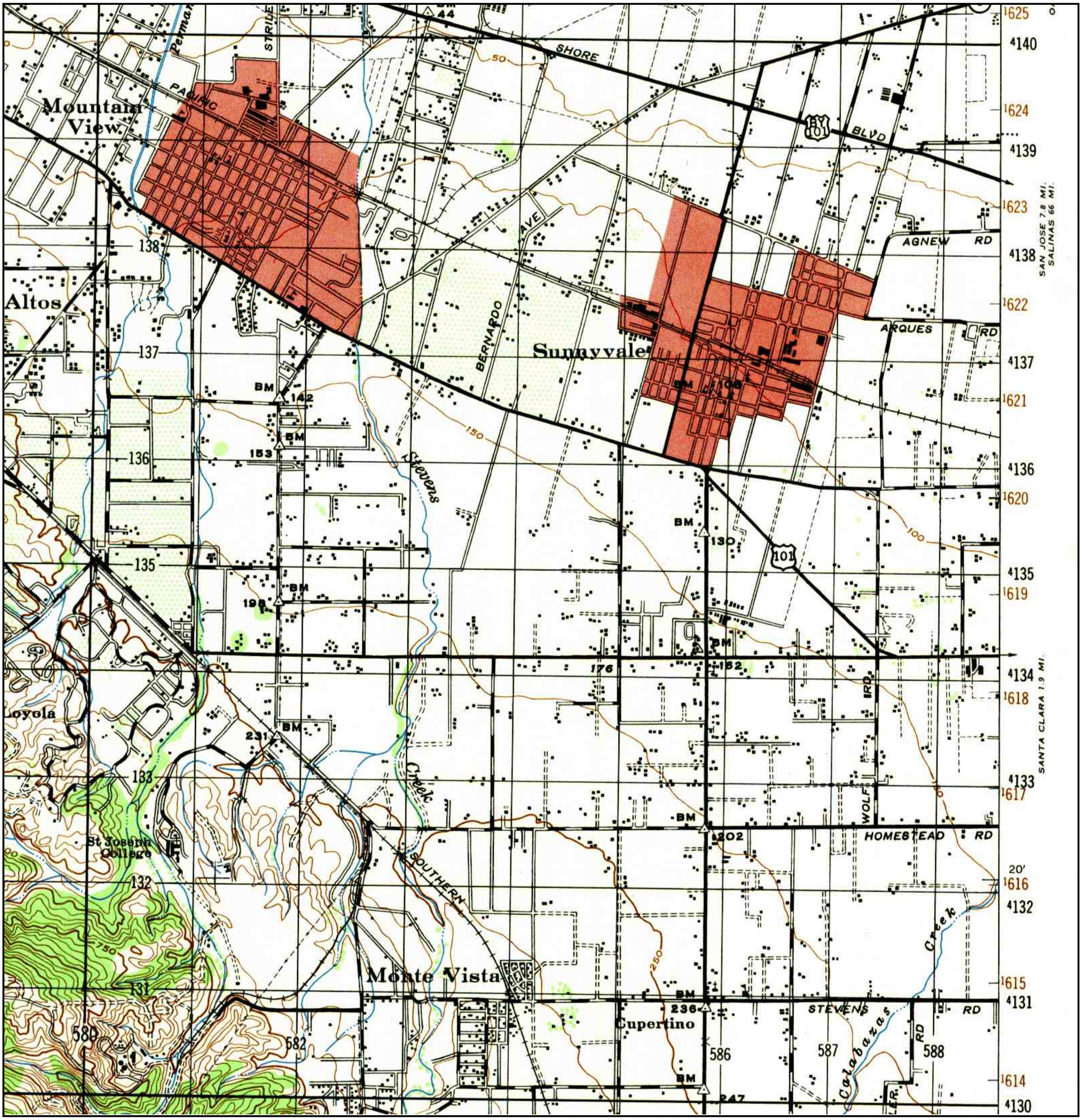
TARGET QUAD
NAME: PALO ALTO
MAP YEAR: 1943

SERIES: 15
SCALE: 1:62500

SITE NAME: Sunnyvale East Channel
ADDRESS: Sunnyvale East Channel
Sunnyvale, CA 94089
LAT/LONG: 37.3648 / 122.024

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.6
RESEARCH DATE: 03/14/2007

Historical Topographic Map



N

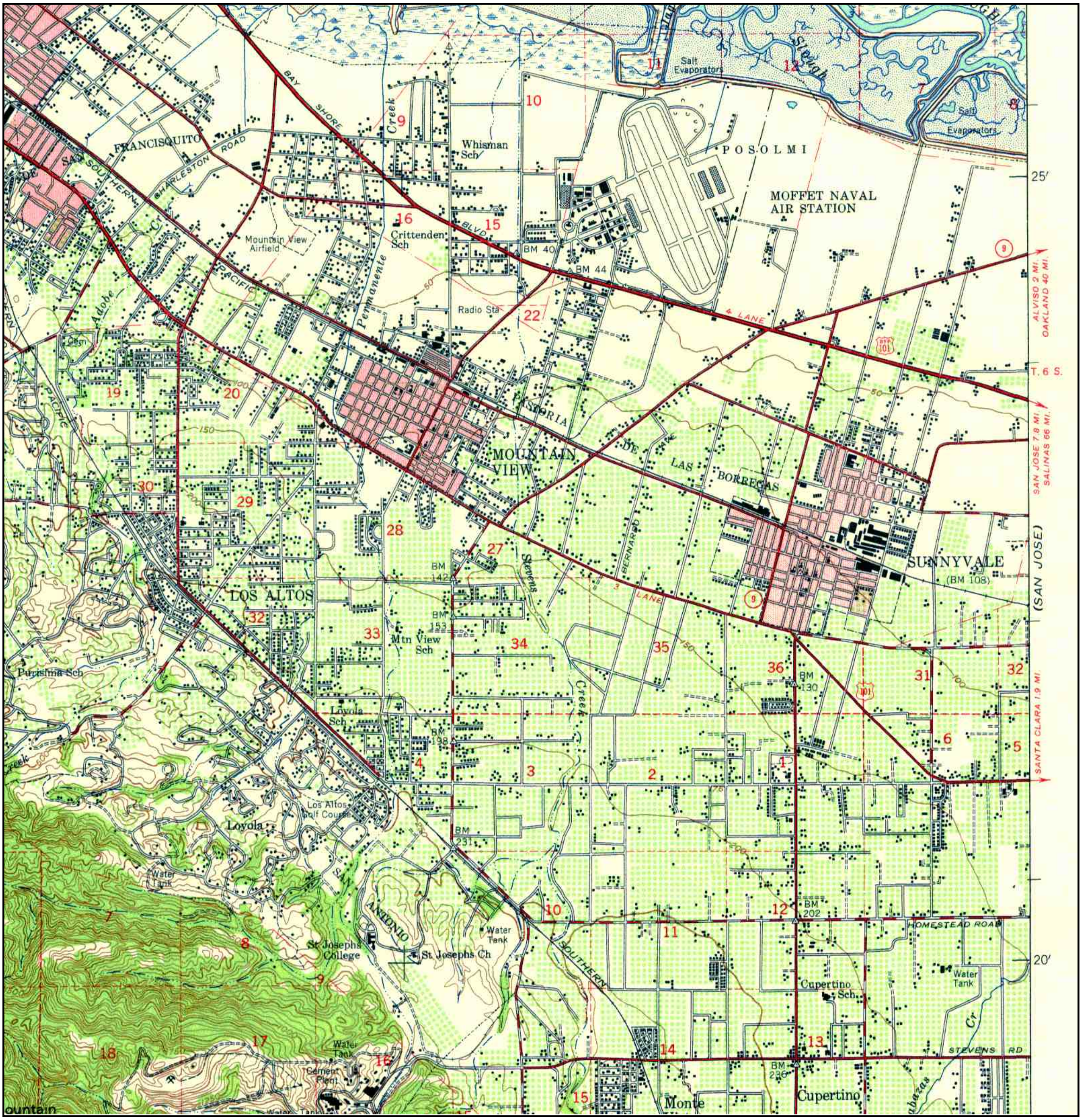
TARGET QUAD
NAME: PALO ALTO
MAP YEAR: 1947

SERIES: 15
SCALE: 1:50000

SITE NAME: Sunnyvale East Channel
ADDRESS: Sunnyvale East Channel
Sunnyvale, CA 94089
LAT/LONG: 37.3648 / 122.024

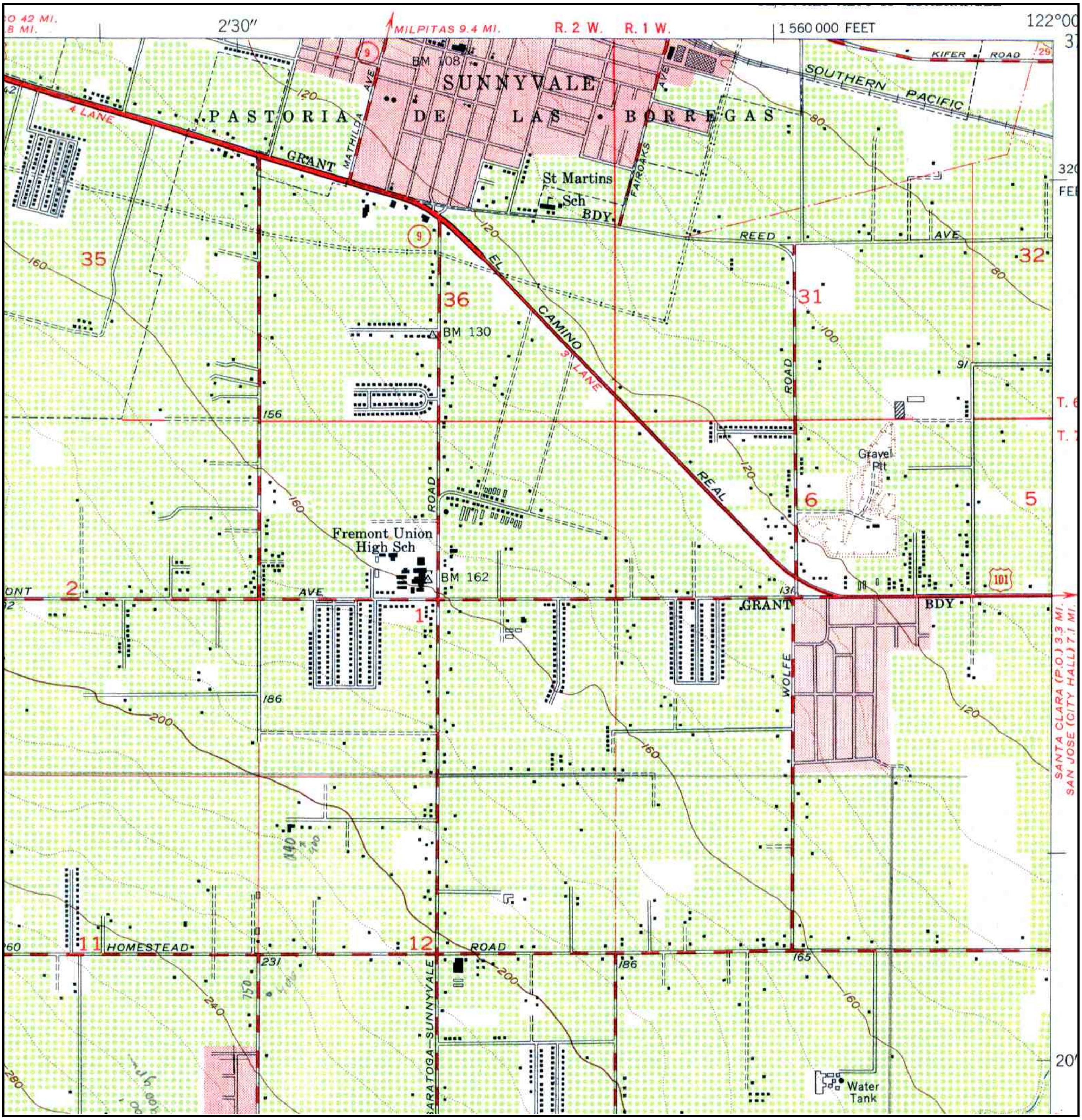
CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.6
RESEARCH DATE: 03/14/2007

Historical Topographic Map



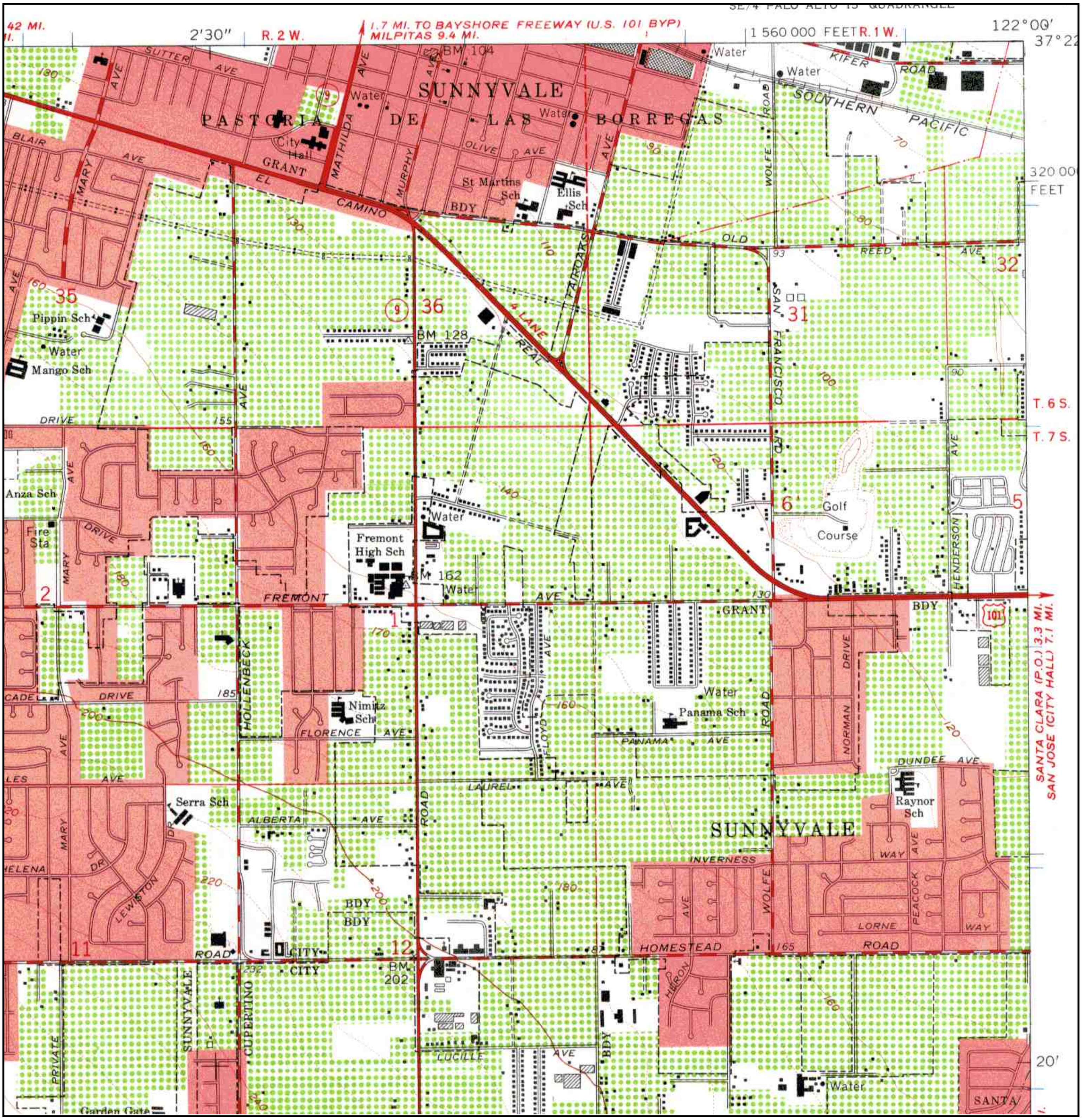
N	TARGET QUAD NAME: PALO ALTO MAP YEAR: 1948 SERIES: 15 SCALE: 1:62500	SITE NAME: Sunnyvale East Channel ADDRESS: Sunnyvale East Channel Sunnyvale, CA 94089 LAT/LONG: 37.3648 / 122.024	CLIENT: TRC Lowney CONTACT: Stason Foster INQUIRY#: 1878114.6 RESEARCH DATE: 03/14/2007

Historical Topographic Map



N ↑	TARGET QUAD NAME: CUPERTINO MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Sunnyvale East Channel ADDRESS: Sunnyvale East Channel Sunnyvale, CA 94089 LAT/LONG: 37.3648 / 122.024	CLIENT: TRC Lowney CONTACT: Stason Foster INQUIRY#: 1878114.6 RESEARCH DATE: 03/14/2007

Historical Topographic Map



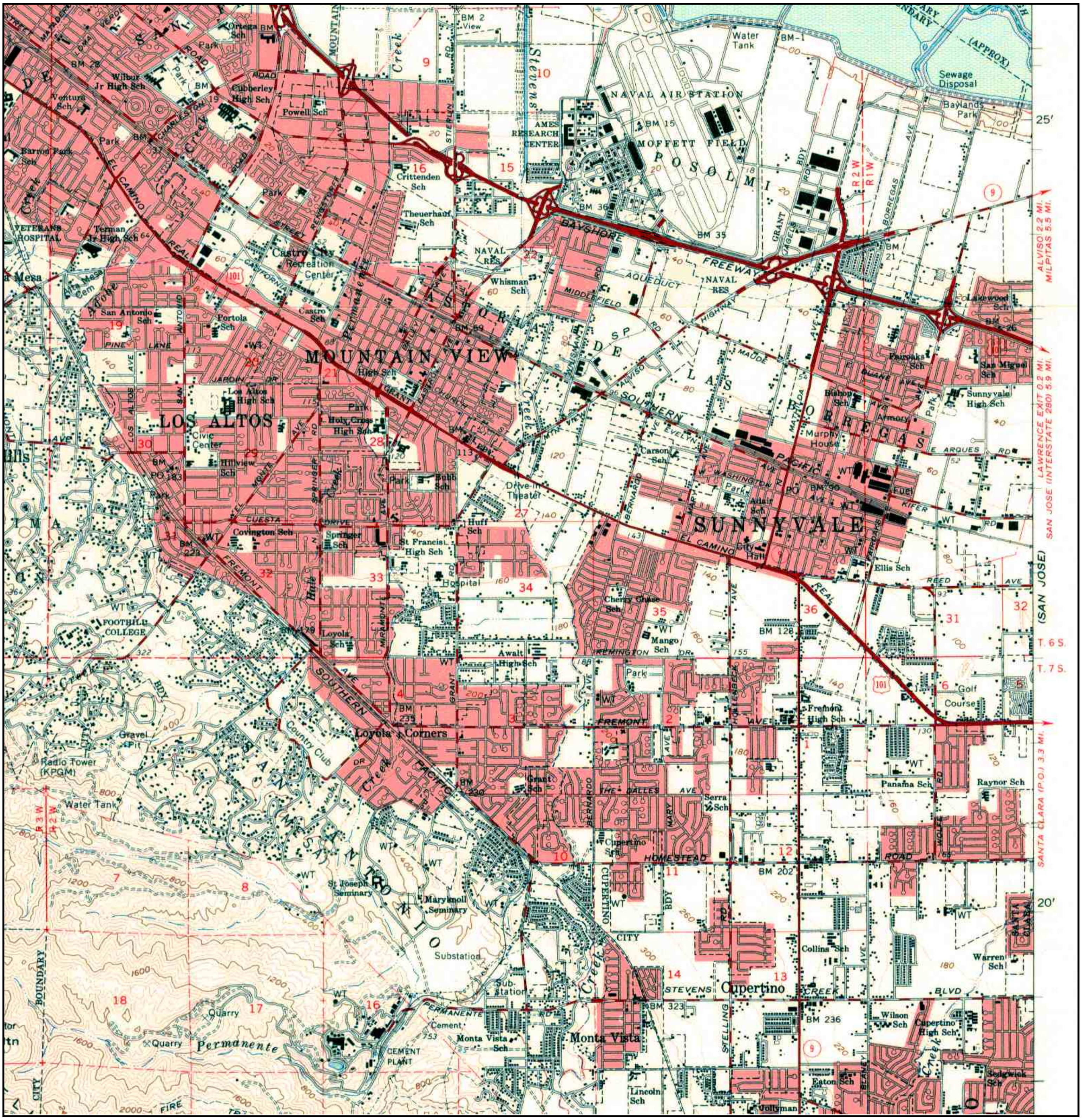
TARGET QUAD
NAME: CUPERTINO
MAP YEAR: 1961

SERIES: 7.5
SCALE: 1:24000

SITE NAME: Sunnyvale East Channel
ADDRESS: Sunnyvale East Channel
Sunnyvale, CA 94089
LAT/LONG: 37.3648 / 122.024

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.6
RESEARCH DATE: 03/14/2007

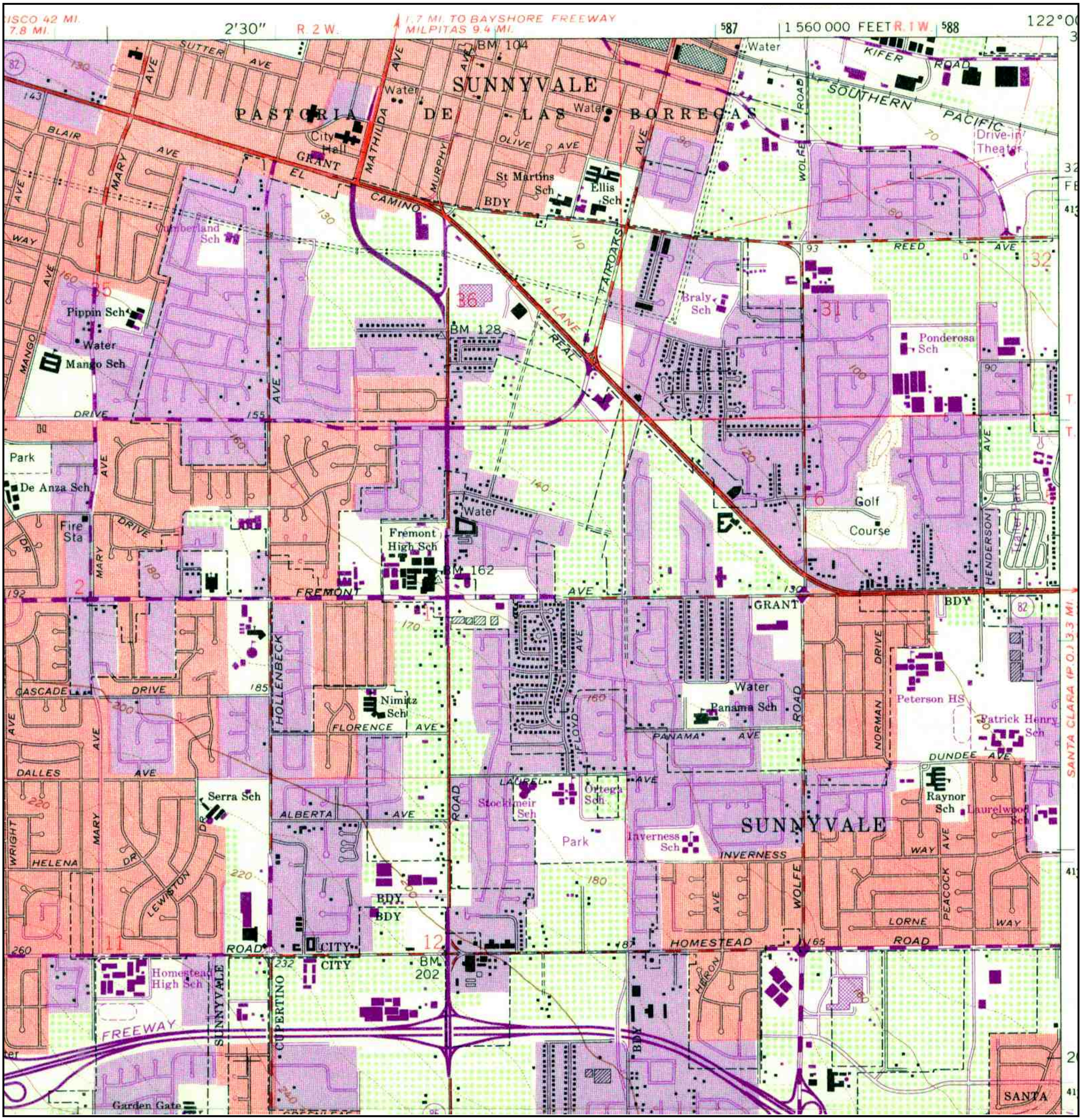
Historical Topographic Map



N ↑	TARGET QUAD NAME: PALO ALTO MAP YEAR: 1961 SERIES: 15 SCALE: 1:62500	SITE NAME: Sunnyvale East Channel ADDRESS: Sunnyvale East Channel Sunnyvale, CA 94089 LAT/LONG: 37.3648 / 122.024

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.6
RESEARCH DATE: 03/14/2007

Historical Topographic Map



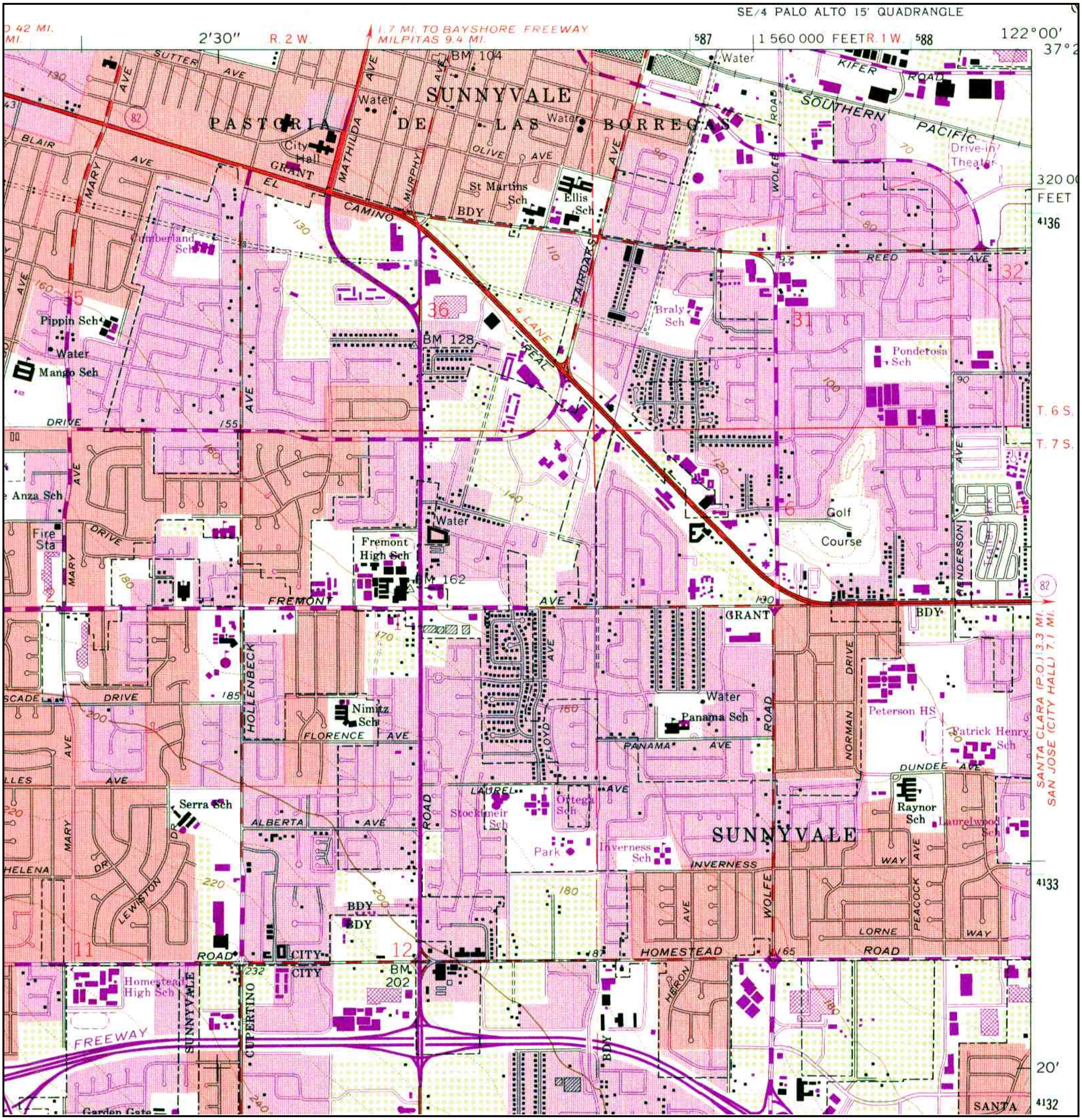
N

TARGET QUAD
NAME: CUPERTINO
MAP YEAR: 1968
PHOTOREVISED FROM:1961
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Sunnyvale East Channel
ADDRESS: Sunnyvale East Channel
Sunnyvale, CA 94089
LAT/LONG: 37.3648 / 122.024

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.6
RESEARCH DATE: 03/14/2007

Historical Topographic Map



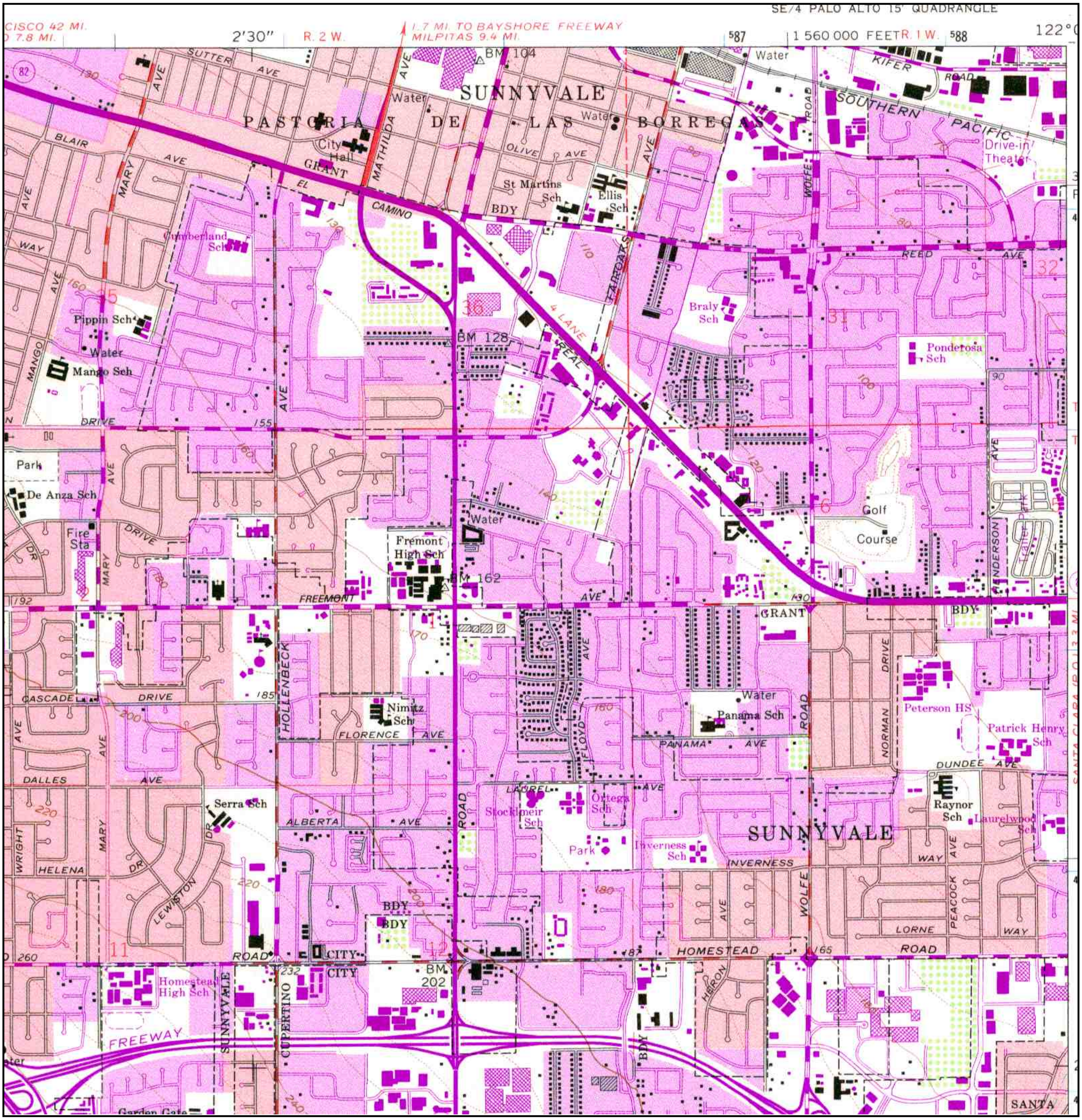
N

TARGET QUAD
NAME: CUPERTINO
MAP YEAR: 1973
PHOTOREVISED FROM:1961
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Sunnyvale East Channel
ADDRESS: Sunnyvale East Channel
Sunnyvale, CA 94089
LAT/LONG: 37.3648 / 122.024

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.6
RESEARCH DATE: 03/14/2007

Historical Topographic Map



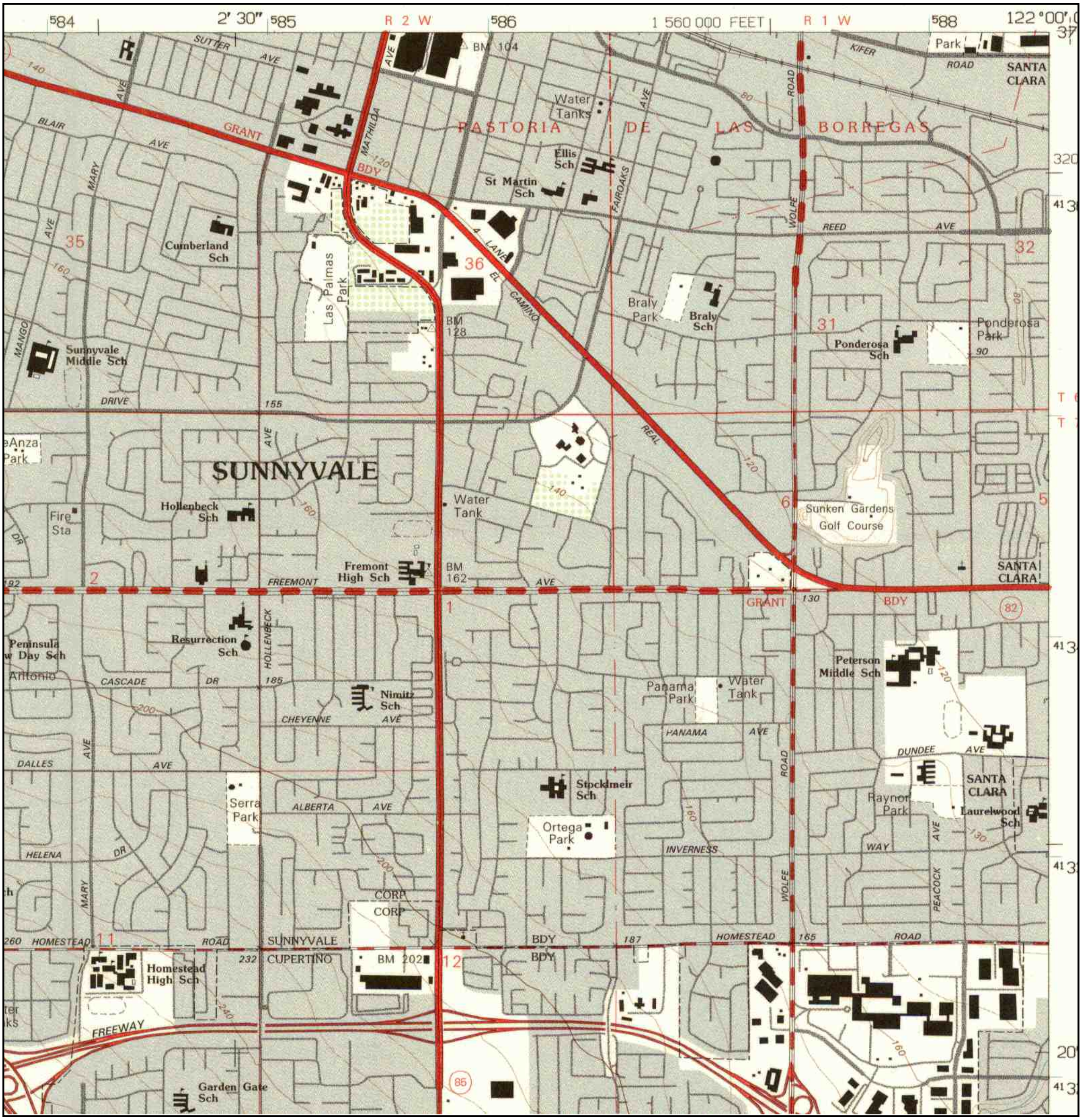
N

TARGET QUAD
NAME: CUPERTINO
MAP YEAR: 1980
PHOTOREVISED FROM:1961
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Sunnyvale East Channel
ADDRESS: Sunnyvale East Channel
Sunnyvale, CA 94089
LAT/LONG: 37.3648 / 122.024

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.6
RESEARCH DATE: 03/14/2007

Historical Topographic Map



N	TARGET QUAD NAME: CUPERTINO MAP YEAR: 1991 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Sunnyvale East Channel ADDRESS: Sunnyvale East Channel Sunnyvale, CA 94089 LAT/LONG: 37.3648 / 122.024	CLIENT: TRC Lowney CONTACT: Stason Foster INQUIRY#: 1878114.6 RESEARCH DATE: 03/14/2007

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EDR Historical Topographic Map Report

Sunnyvale West Channel
Sunnyvale West Channel
Sunnyvale, CA 94089

Inquiry Number: 1878114.3

March 15, 2007

The Standard in Environmental Risk Management Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

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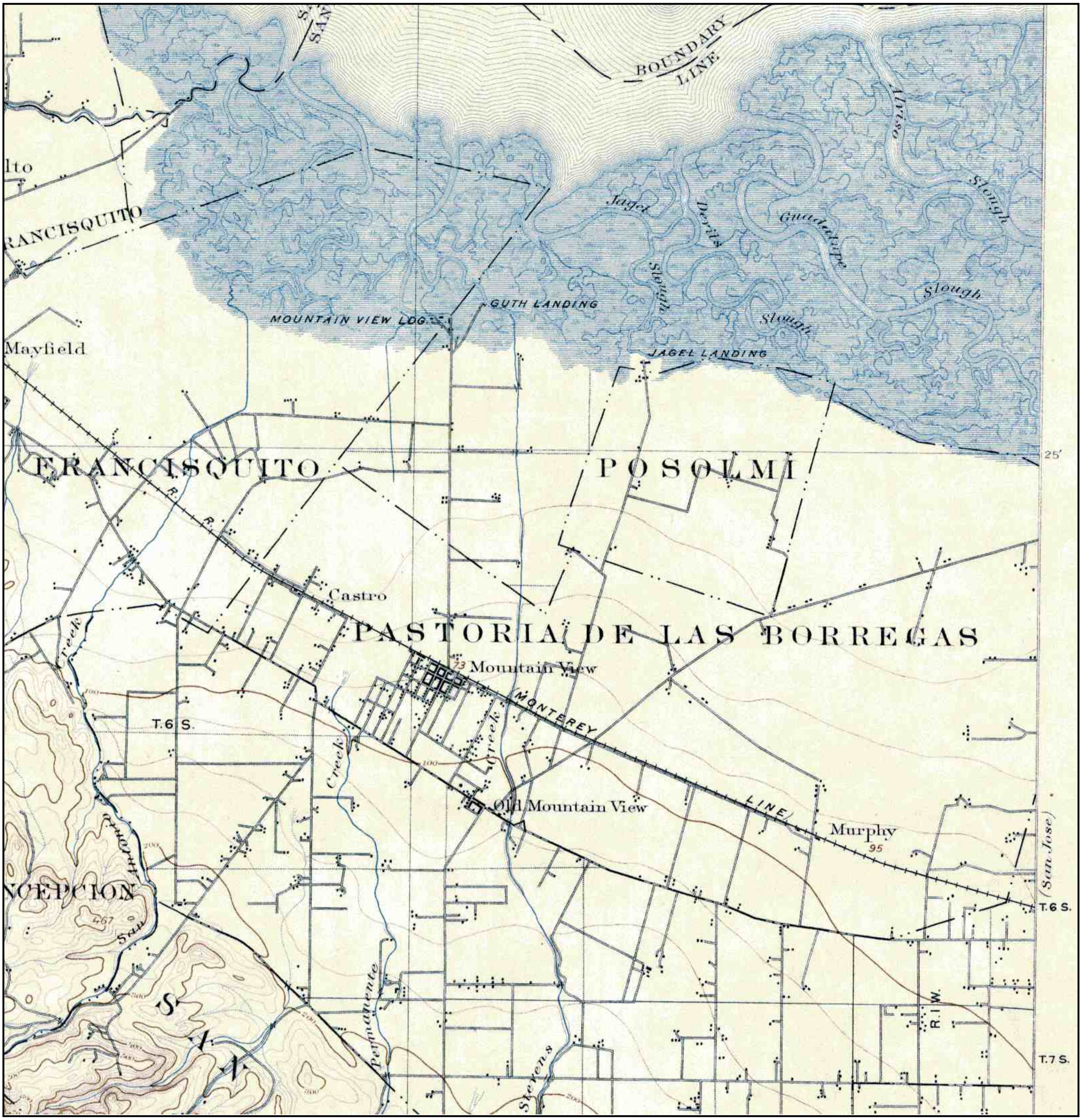
Historical Topographic Map



N

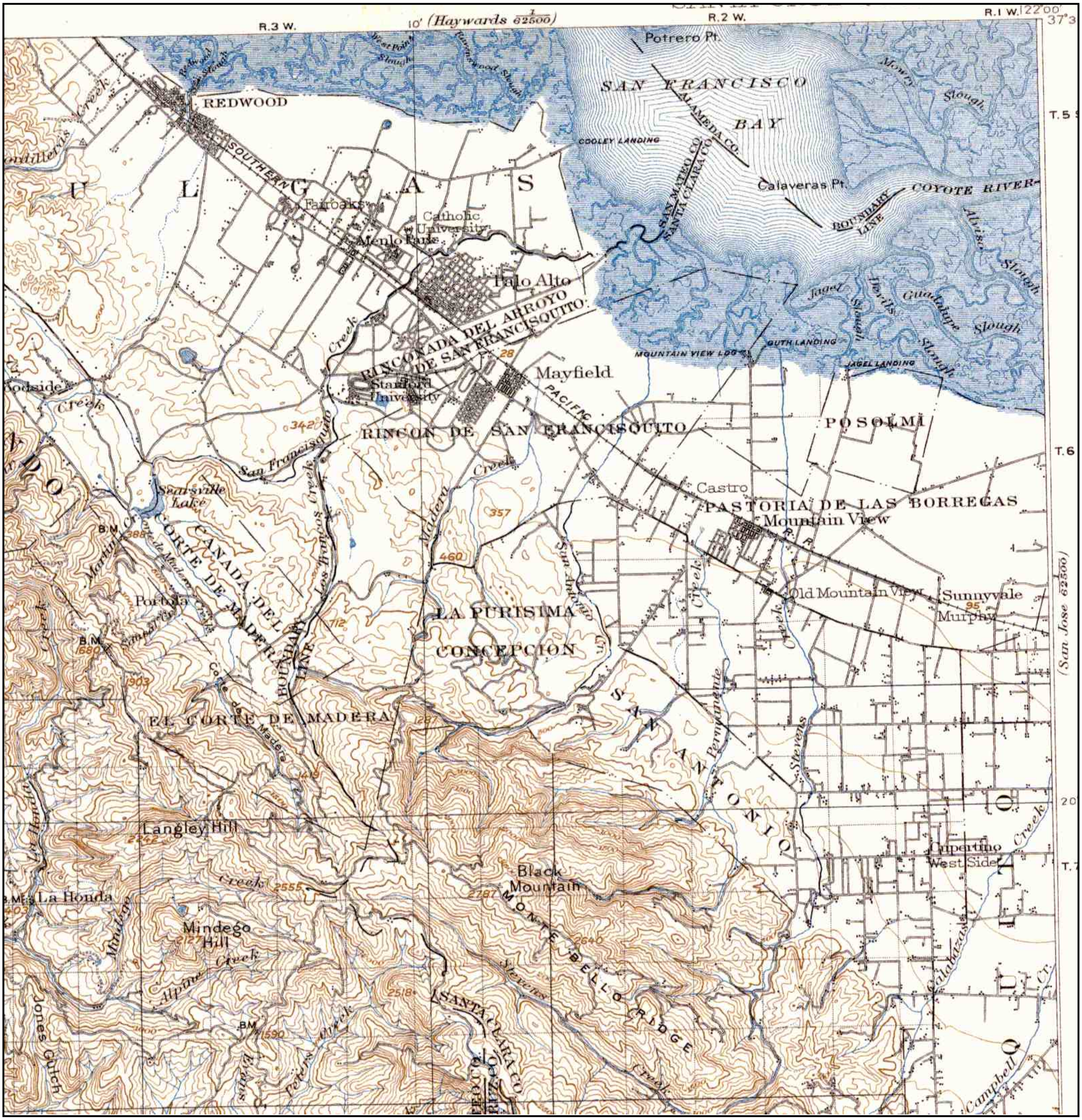
TARGET QUAD
NAME: PALO ALTO
MAP YEAR: 1899

SERIES: 15
SCALE: 1:62500

SITE NAME: Sunnyvale West Channel
ADDRESS: Sunnyvale West Channel
Sunnyvale, CA 94089
LAT/LONG: 37.4047 / 122.0212

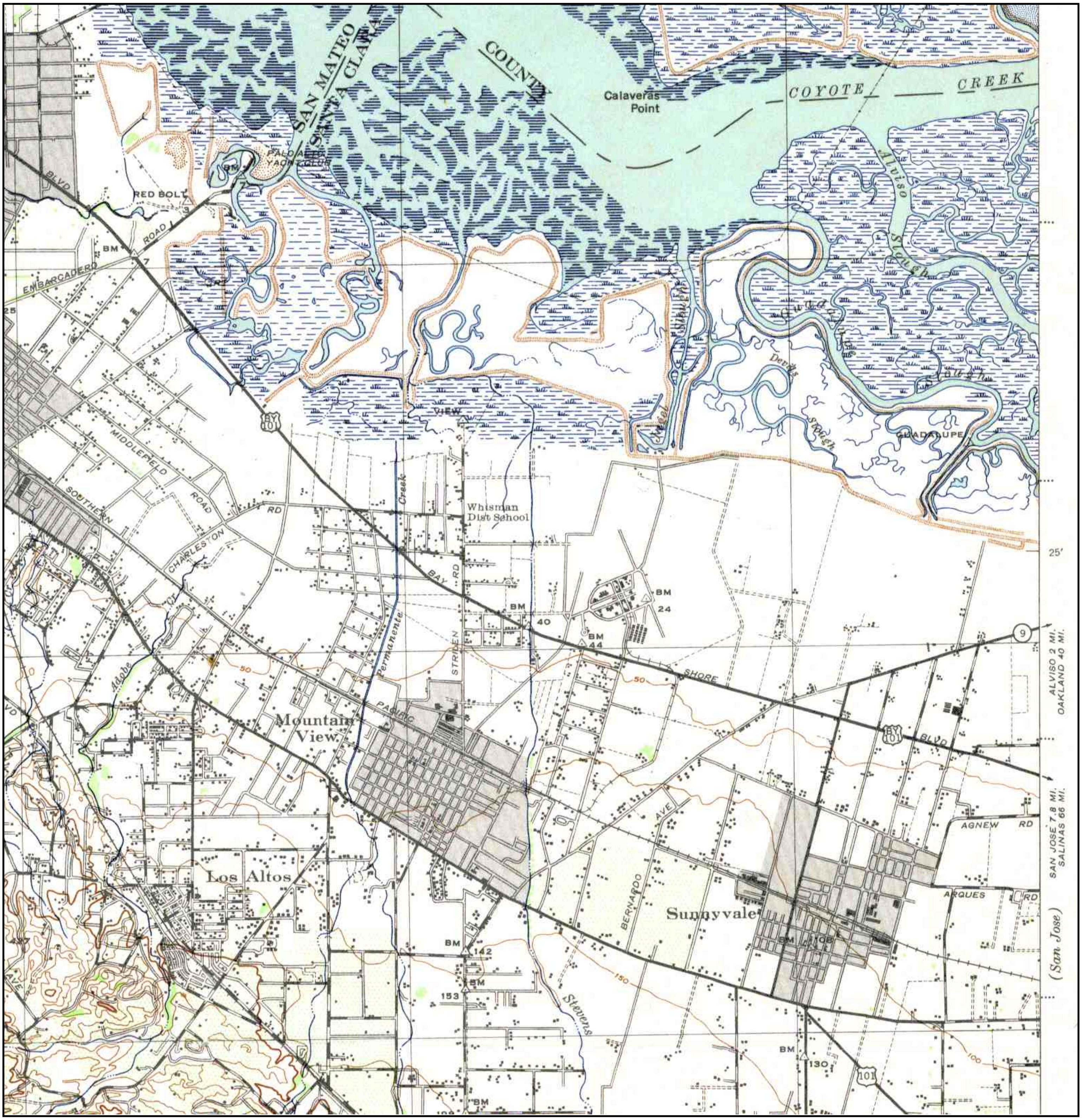
CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.3
RESEARCH DATE: 03/15/2007

Historical Topographic Map



N	TARGET QUAD NAME:	SANTA CRUZ	SITE NAME:	Sunnyvale West Channel	CLIENT:	TRC Lowney
			ADDRESS:	Sunnyvale West Channel Sunnyvale, CA 94089	CONTACT:	Stason Foster
	MAP YEAR:	1902			INQUIRY#:	1878114.3
			LAT/LONG:	37.4047 / 122.0212	RESEARCH DATE:	03/15/2007
	SERIES:	30				
	SCALE:	1:125000				

Historical Topographic Map



N

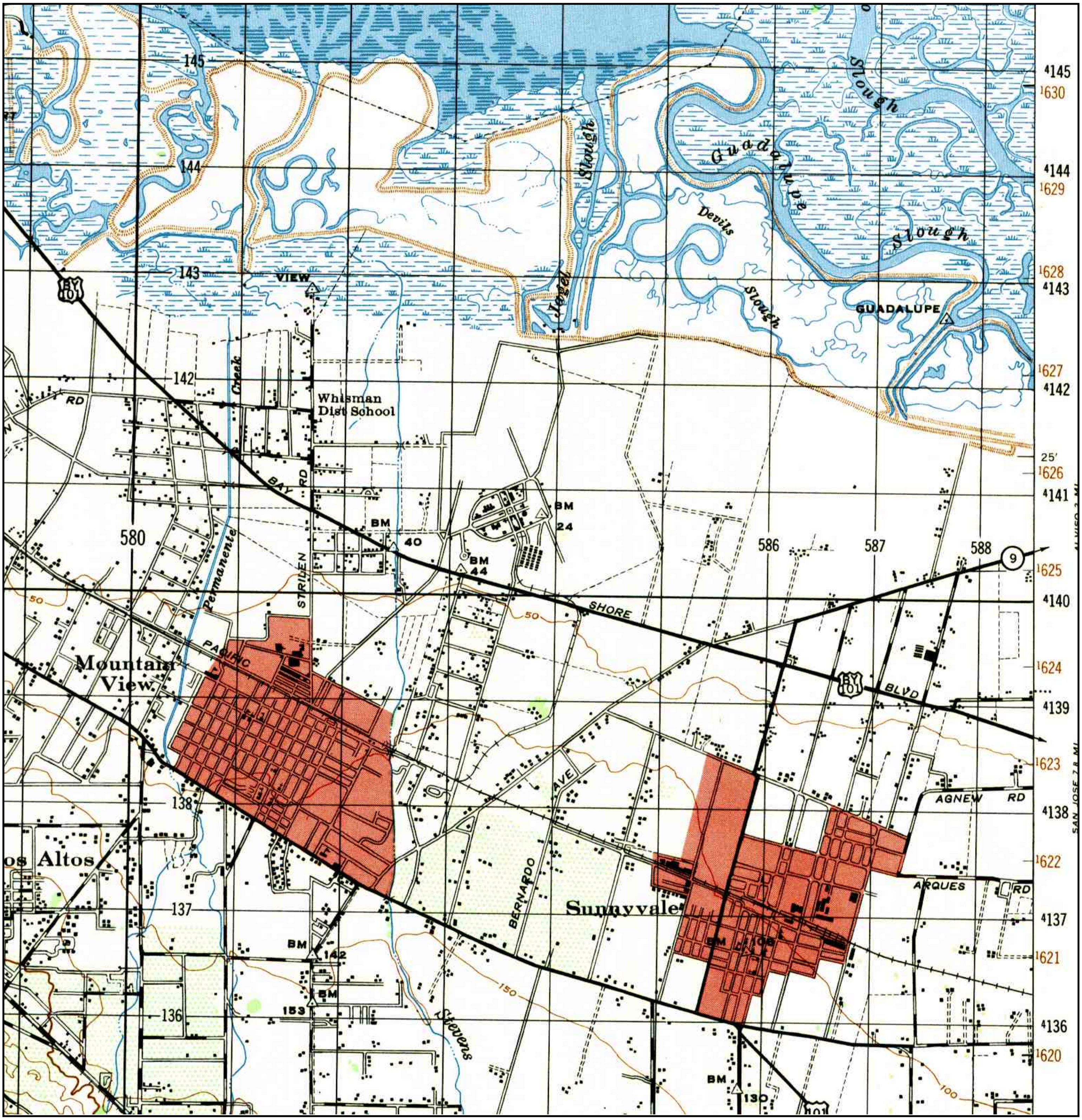
TARGET QUAD
NAME: PALO ALTO
MAP YEAR: 1943

SERIES: 15
SCALE: 1:62500

SITE NAME: Sunnyvale West Channel
ADDRESS: Sunnyvale West Channel
Sunnyvale, CA 94089
LAT/LONG: 37.4047 / 122.0212

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.3
RESEARCH DATE: 03/15/2007

Historical Topographic Map



N

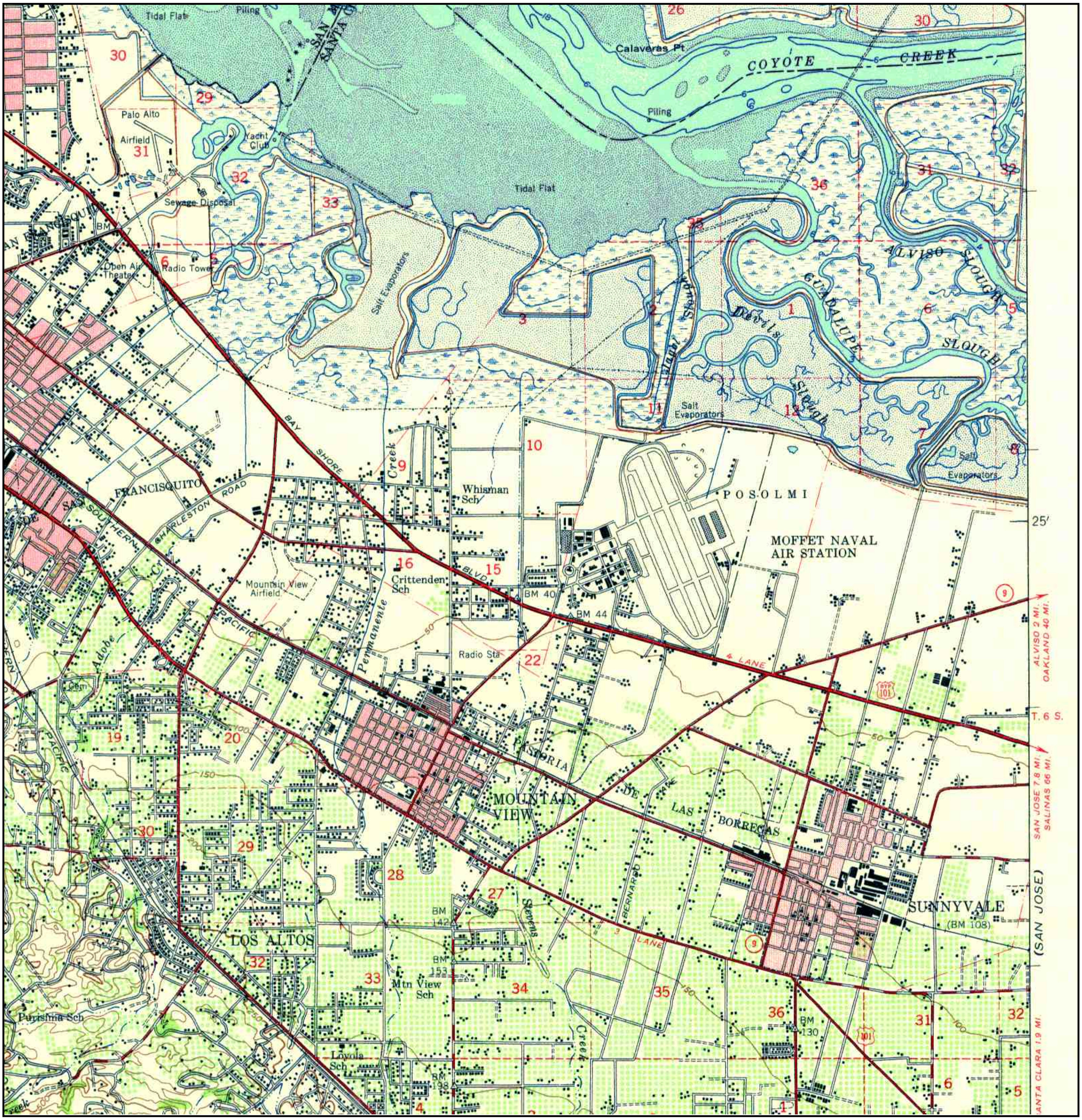
TARGET QUAD
NAME: PALO ALTO
MAP YEAR: 1947

SERIES: 15
SCALE: 1:50000

SITE NAME: Sunnyvale West Channel
ADDRESS: Sunnyvale West Channel
Sunnyvale, CA 94089
LAT/LONG: 37.4047 / 122.0212

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.3
RESEARCH DATE: 03/15/2007

Historical Topographic Map



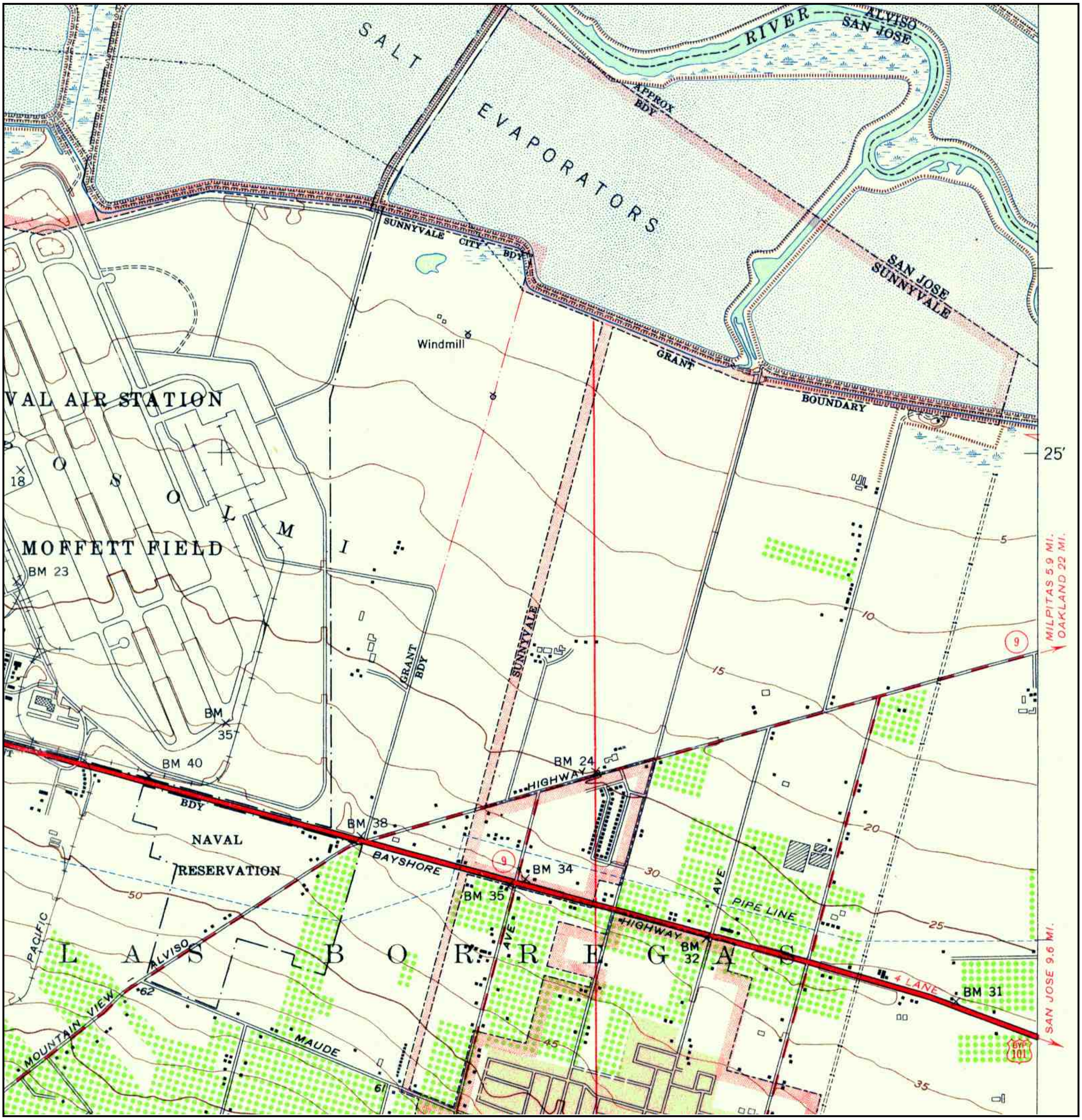
TARGET QUAD
NAME: PALO ALTO
MAP YEAR: 1948

SERIES: 15
SCALE: 1:62500

SITE NAME: Sunnyvale West Channel
ADDRESS: Sunnyvale West Channel
Sunnyvale, CA 94089
LAT/LONG: 37.4047 / 122.0212

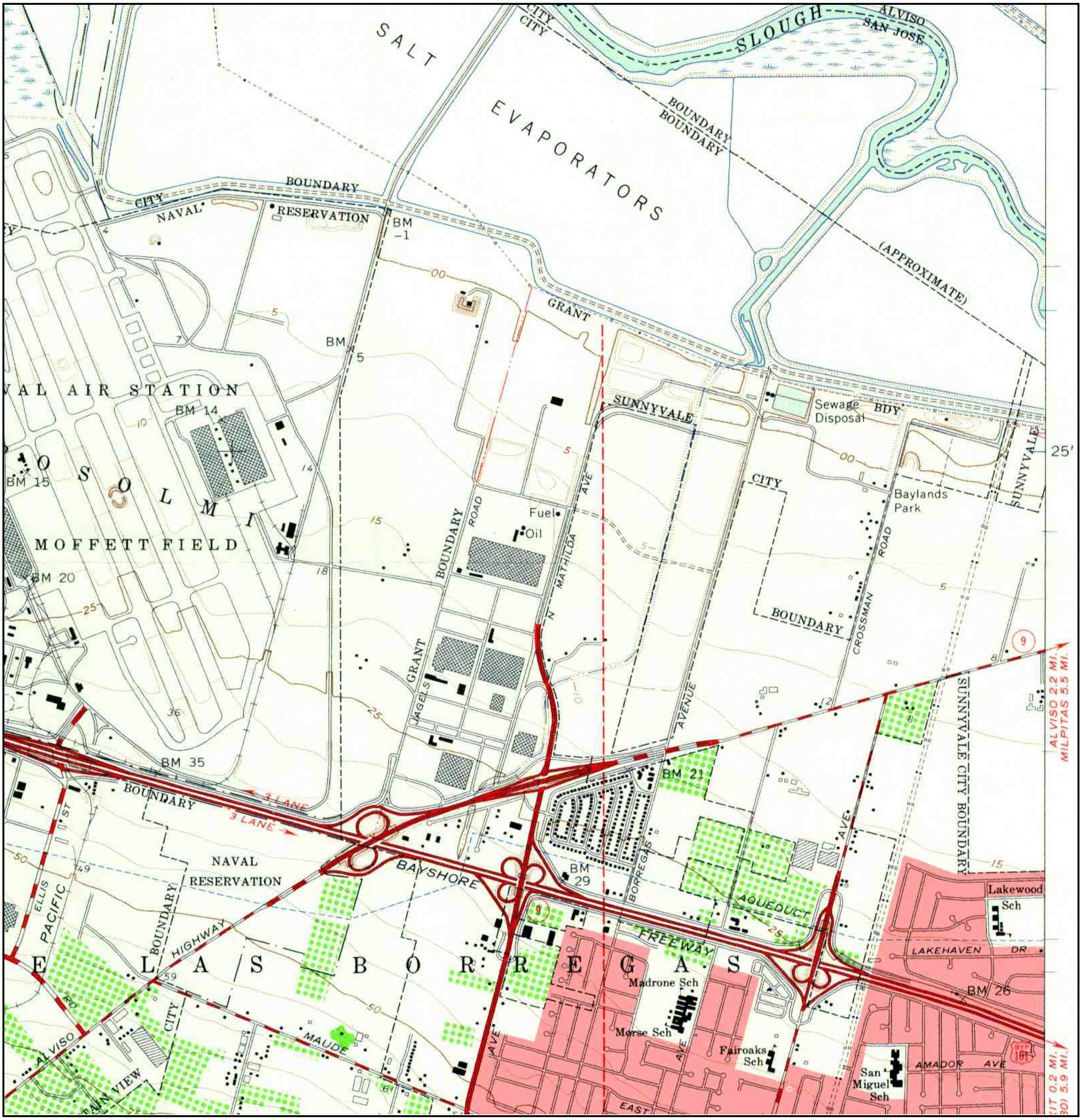
CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.3
RESEARCH DATE: 03/15/2007

Historical Topographic Map



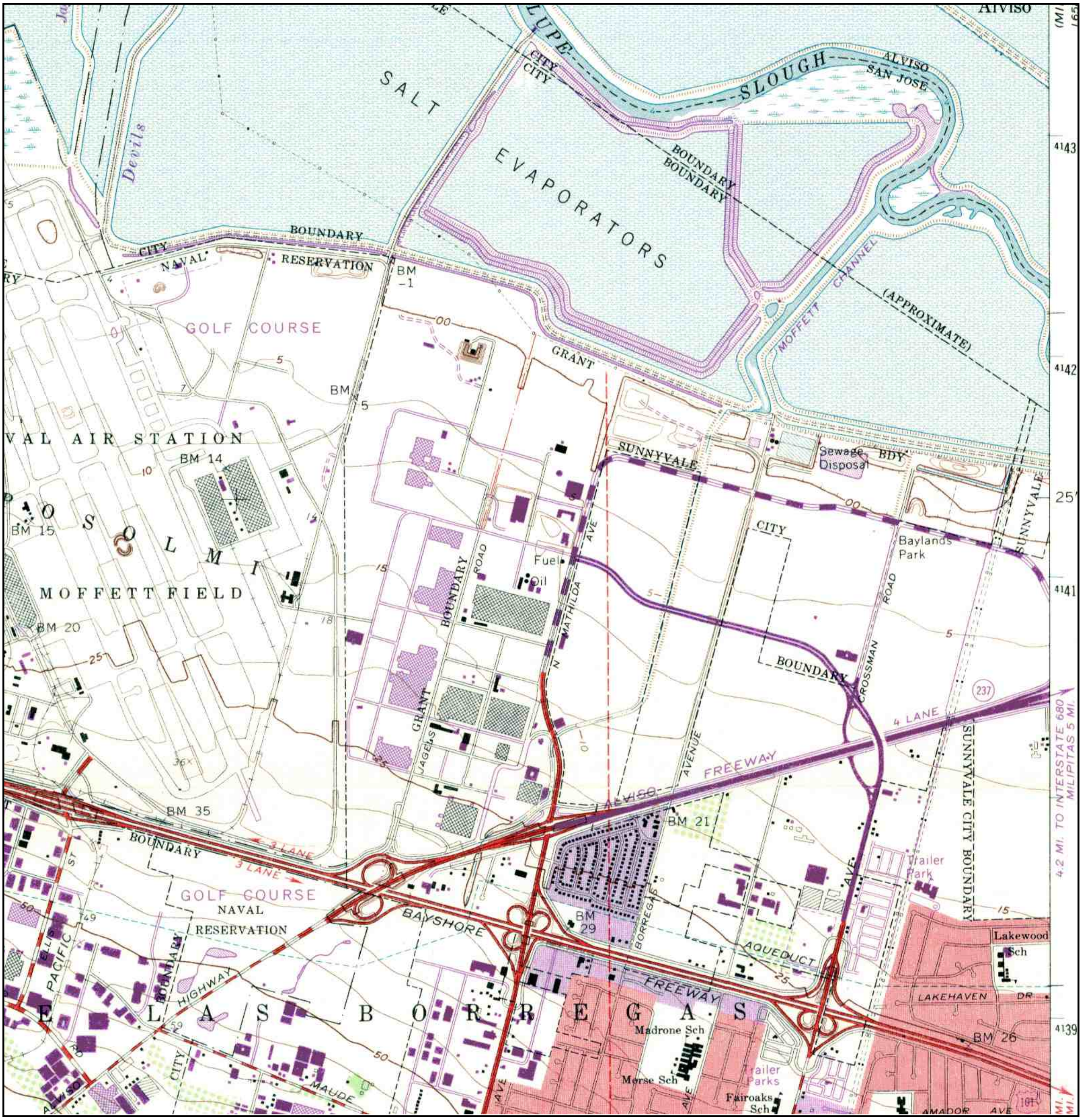
N ↑	TARGET QUAD NAME: MOUNTAINVIEW MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Sunnyvale West Channel ADDRESS: Sunnyvale West Channel Sunnyvale, CA 94089 LAT/LONG: 37.4047 / 122.0212	CLIENT: TRC Lowney CONTACT: Stason Foster INQUIRY#: 1878114.3 RESEARCH DATE: 03/15/2007

Historical Topographic Map



TARGET QUAD NAME: MOUNTAINVIEW MAP YEAR: 1961 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Sunnyvale West Channel ADDRESS: Sunnyvale West Channel Sunnyvale, CA 94089 LAT/LONG: 37.4047 / 122.0212	CLIENT: TRC Lowney CONTACT: Stason Foster INQUIRY#: 1878114.3 RESEARCH DATE: 03/15/2007

Historical Topographic Map



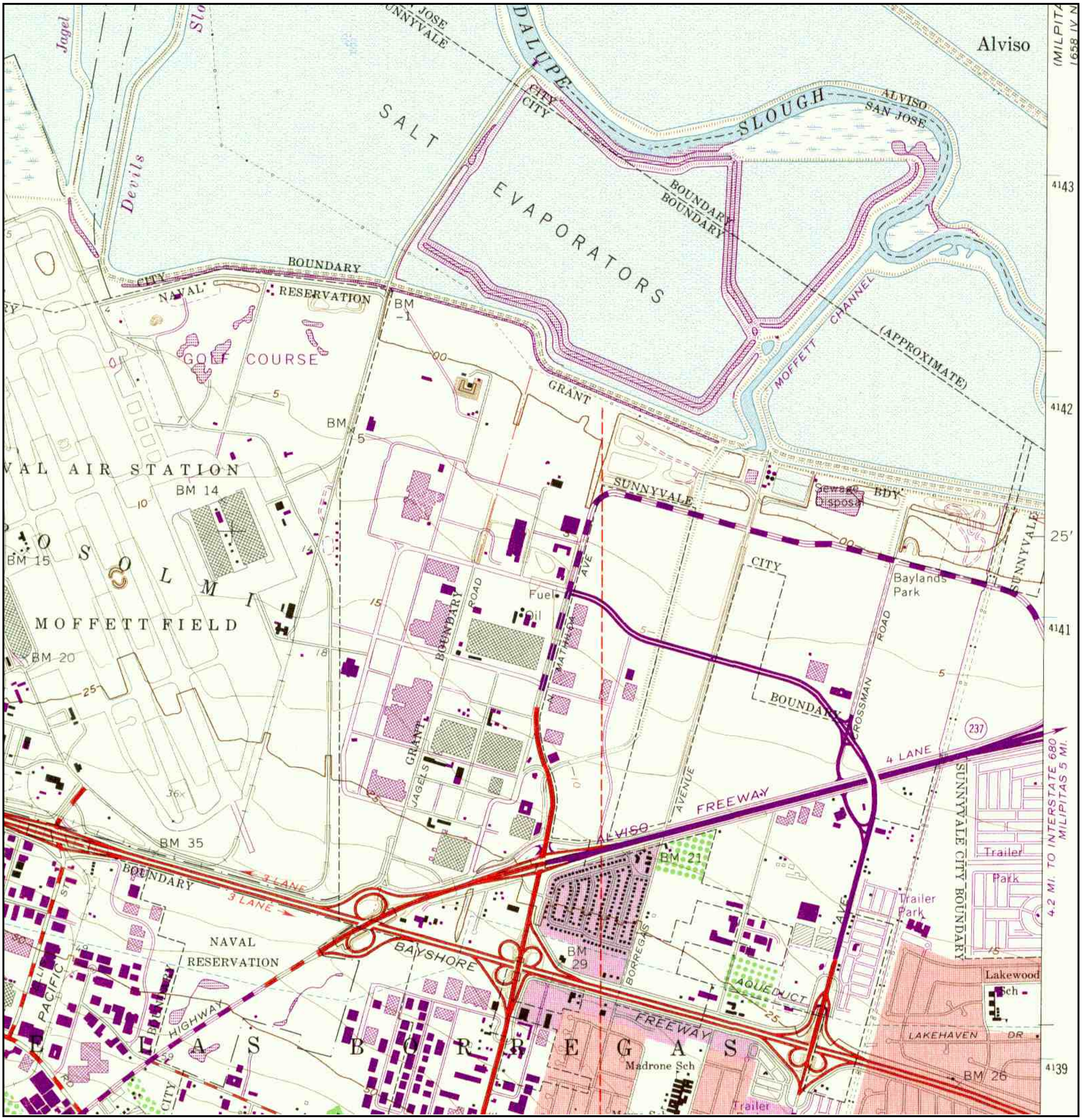
N

TARGET QUAD
NAME: MOUNTAINVIEW
MAP YEAR: 1968
PHOTOREVISED FROM:1961
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Sunnyvale West Channel
ADDRESS: Sunnyvale West Channel
Sunnyvale, CA 94089
LAT/LONG: 37.4047 / 122.0212

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.3
RESEARCH DATE: 03/15/2007

Historical Topographic Map



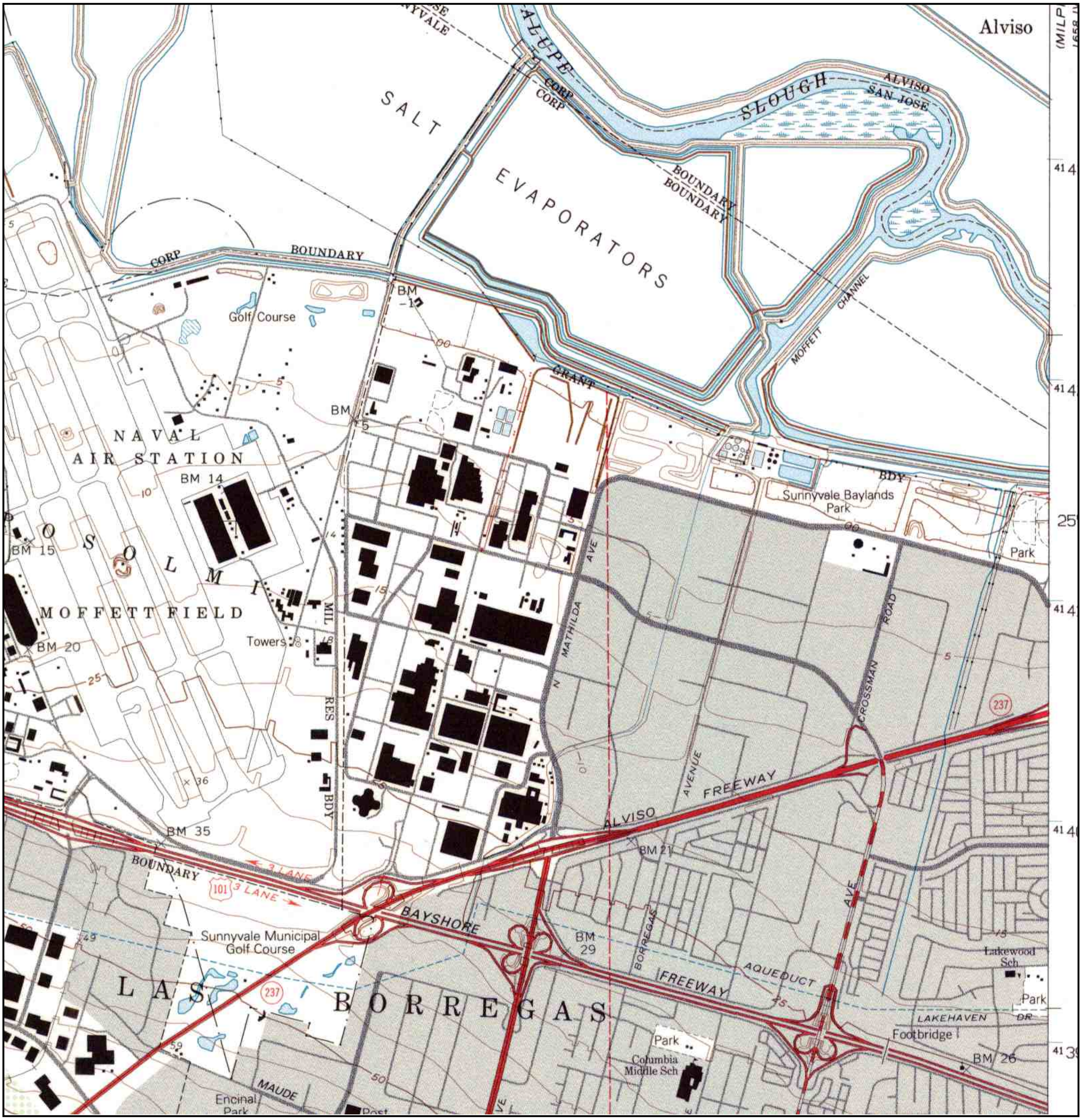
N

TARGET QUAD
NAME: MOUNTAINVIEW
MAP YEAR: 1973
PHOTOREVISED FROM:1961
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Sunnyvale West Channel
ADDRESS: Sunnyvale West Channel
Sunnyvale, CA 94089
LAT/LONG: 37.4047 / 122.0212

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.3
RESEARCH DATE: 03/15/2007

Historical Topographic Map



N

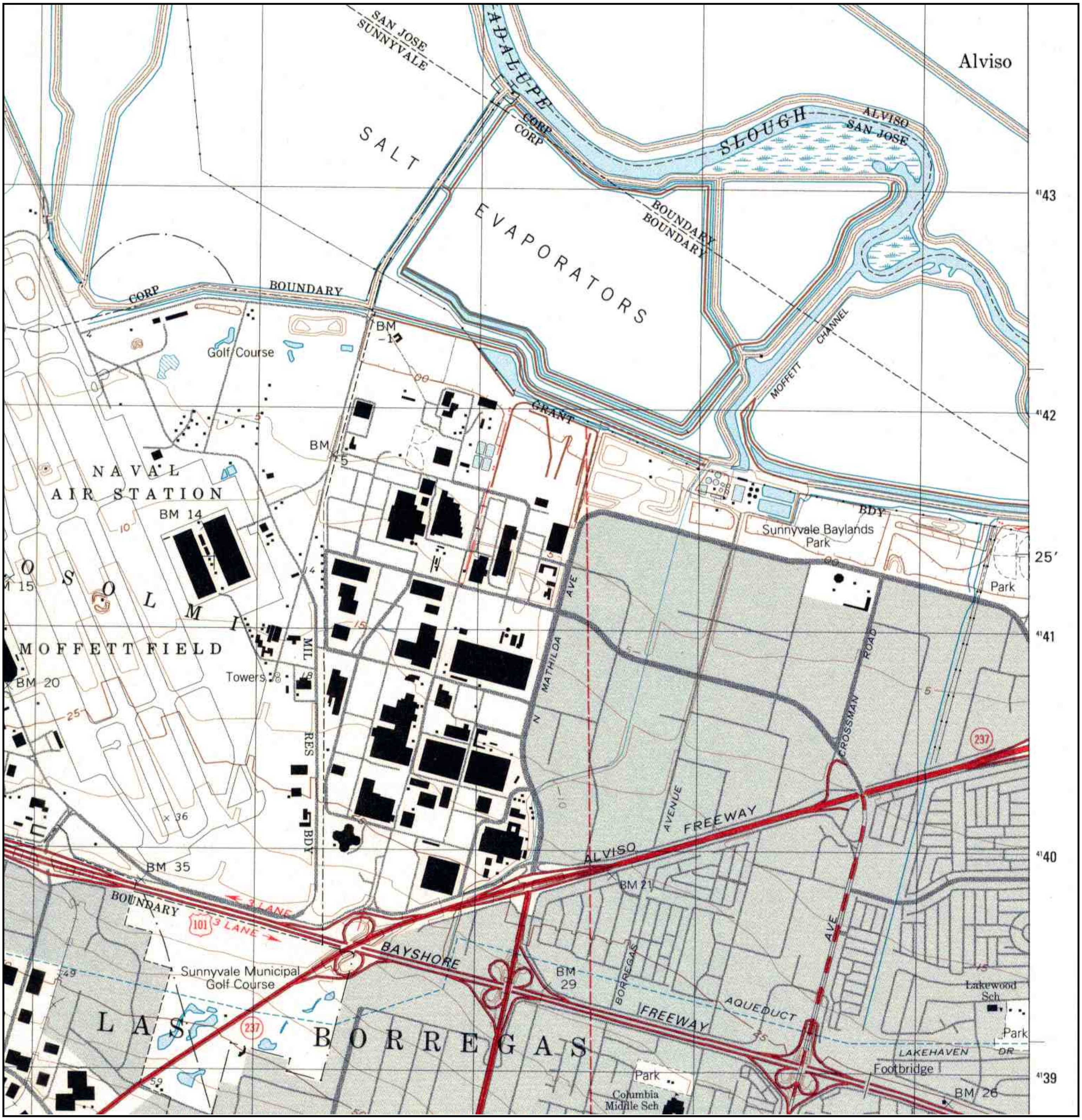
TARGET QUAD
NAME: MOUNTAINVIEW
MAP YEAR: 1991

SERIES: 7.5
SCALE: 1:24000

SITE NAME: Sunnyvale West Channel
ADDRESS: Sunnyvale West Channel
Sunnyvale, CA 94089
LAT/LONG: 37.4047 / 122.0212

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.3
RESEARCH DATE: 03/15/2007

Historical Topographic Map



N

TARGET QUAD
NAME: MOUNTAINVIEW
MAP YEAR: 1997

SERIES: 7.5
SCALE: 1:24000

SITE NAME: Sunnyvale West Channel
ADDRESS: Sunnyvale West Channel
Sunnyvale, CA 94089
LAT/LONG: 37.4047 / 122.0212

CLIENT: TRC Lowney
CONTACT: Stason Foster
INQUIRY#: 1878114.3
RESEARCH DATE: 03/15/2007

APPENDIX B

REGULATORY AGENCY DATABASE REPORT

The following regulatory agency database report was obtained and reviewed to help establish whether contamination incidents have been reported within the site vicinity. A list of the database sources reviewed, a detailed description of the sources, and a radius map indicating the location of the reported facilities relative to the project site are included in the report.

The information presented is obtained from a variety of public databases and other sources. No warranty or representation is made regarding the accuracy or completeness of the presented data. In some cases, a listed facility cannot be mapped with confidence, but instead may be located only by city or zip code. These unmappable sites are referred to as “orphan” sites and, if present, they are listed in the database report.

DRAFT

EDR Environmental
Data Resources Inc

EDR DataMap®
Corridor Study

Sunnyvale East Channel
Sunnyvale, CA 94089

March 19, 2007

Inquiry number 01878114.5r

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440 Wheelers Farms Road
Milford, Connecticut 06461

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR).

TARGET PROPERTY INFORMATION

ADDRESS

SUNNYVALE, CA 94089
SUNNYVALE, CA 94089

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
HMIRS	Hazardous Materials Information Reporting System
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
ICIS	Integrated Compliance Information System
RADINFO	Radiation Information Database
US CDL	Clandestine Drug Labs
LUCIS	Land Use Control Information System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations

EXECUTIVE SUMMARY

INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/25/2007 has revealed that there are 8 NPL sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED	***10900 N TANTAU AVENUE***	***0***	***3***
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
NORTHROP GRUMMAN MARINE SYSTEM	***401 EAST HENDY AVENUE***	***0***	***60***
MONOLITHIC MEMORIES INC	***1165 E ARQUES AVE***	***0***	***75***
ADVANCED MICRO DEVICES INC	***901 THOMPSON PL***	***0***	***88***
TRW INC	***825 STEWART DRIVE***	***0***	***100***
ADVANCED MICRO DEVICES INCORPO	***915 DEGUIGNE DRIVE***	***0***	***109***
SOUTH BAY ASBESTOS AREA	***FT OF LIBERTY ST GUADAL***	***0***	***128***

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 11/28/2006 has revealed that there are 16 CERCLIS sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED	***10900 N TANTAU AVENUE***	***0***	***3***
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
NORTHROP GRUMMAN MARINE SYSTEM	***401 EAST HENDY AVENUE***	***0***	***60***
MONOLITHIC MEMORIES INC	***1165 E ARQUES AVE***	***0***	***75***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
ADVANCED MICRO DEVICES INC	***901 THOMPSON PL***	***0***	***88***
TRW INC	***825 STEWART DRIVE***	***0***	***100***
ADVANCED MICRO DEVICES INCORPO	***915 DEGUIGNE DRIVE***	***0***	***109***
SOUTH BAY ASBESTOS AREA	***FT OF LIBERTY ST GUADAL***	***0***	***128***
ALPHA EMS	***1107 N FAIR OAKS AVE***	***16***	***199***
PHILIPS SEMICONDUCTORS	***811 E ARQUES AVE MAIL S***	***31***	***324***
PROTO ENGINEERING	***183 COMMERCIAL ST***	***35***	***386***
SUNNYVALE CITY OF	***221 COMMERCIAL ST***	***35***	***395***
WESTERN PRECISION INC	***230 COMMERCIAL ST***	***35***	***403***
PHILIPS SEMICONDUCTORS	***860 KIFER***	***36***	***407***
ROYAL AUTO BODY & TOWING	***150 N WOLFE ROAD***	***36***	***438***
ICORE INTERNATIONAL	***180 N WOLFE RD***	***36***	***462***

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/20/2006 has revealed that there are 22 CERC-NFRAP sites within the searched area.

Site	Address	Map ID	Page
BALL A C CO	***141 CASPIAN CT***	***3***	***145***
CALIFORNIA CIRCUIT ENGRNG INC	***1292 REAMWOOD AVE***	***10***	***170***
ESL INC SUBSIDIARY OF TRW	425 TASMAN	14	187
BELL INDUSTRIES	1161 N FAIROAKS AVE	16	208
DATA GENERAL CORPORATION SUNNY	***433 NORTH MATHILDA AVEN***	***22***	***232***
ZYMOS CORP	***477 N MATHILDA AVE***	***22***	***239***
SIGNETICS CORP.	***848 STEWART***	***26***	***285***
SIGNETICS CORP	830 STEWART	26	288
SIGNETICS CORP	***897 STEWART***	***27***	***292***
INPRINT CORP	***968 STEWART DR***	***28***	***295***
UNITED TECHNOLOGIES CORP CHEM	***1050 E ARQUES AVE***	***32***	***346***
HEWLETT PACKARD DATA TERMINALS	***974 E ARQUES AVE***	***32***	***353***
MODERN MACHINE CO	214 COMMERCIAL ST	35	393
SIGNETICS (AKA 860 KIEFER RD.)	100 SAN LUCAR CT	36	409
RELIANCE TECHNICAL SVCS	***895 KIFER RD***	***36***	***409***
VERBATIM	820 KIFER RD	36	419
WU MEI & YOUNG Y (AMERICAN FOO	116 SAN LAZARO	36	423
SIGNETICS CORP	***740 KIFER RD***	***36***	***431***
HEPCO	***150 SAN LAZARO***	***36***	***449***
FABTECH	154 SAN LAZARO	36	453
MOHAWK LABORATORIES	***932 KIFER RD***	***40***	***476***
PHILIPS SEMICONDUCTORS, INC.	***730 EVELYN***	***43***	***495***

EXECUTIVE SUMMARY

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 01/04/2007 has revealed that there are 9 CORRACTS sites within the searched area.

Site	Address	Map ID	Page
ADVANCED MICRO DEVICES INC	*901 THOMPSON PL*	*0*	*88*
BALL A C CO	*141 CASPIAN CT*	*3*	*145*
ZYMOS CORP	*477 N MATHILDA AVE*	*22*	*239*
INPRINT CORP	*968 STEWART DR*	*28*	*295*
PHILIPS SEMICONDUCTORS	*811 E ARQUES AVE MAIL S*	*31*	*324*
HEWLETT PACKARD DATA TERMINALS	*974 E ARQUES AVE*	*32*	*353*
RELIANCE TECHNICAL SVCS	*895 KIFER RD*	*36*	*409*
SIGNETICS CORP	*740 KIFER RD*	*36*	*431*
MOTOROLA FOUR PHASE INC	*10700 N DE ANZA BLVD*	*58*	*633*

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/13/2006 has revealed that there are 9 RCRA-TSDF sites within the searched area.

Site	Address	Map ID	Page
ADVANCED MICRO DEVICES INC	*901 THOMPSON PL*	*0*	*88*
BALL A C CO	*141 CASPIAN CT*	*3*	*145*
ZYMOS CORP	*477 N MATHILDA AVE*	*22*	*239*
INPRINT CORP	*968 STEWART DR*	*28*	*295*
PHILIPS SEMICONDUCTORS	*811 E ARQUES AVE MAIL S*	*31*	*324*
HEWLETT PACKARD DATA TERMINALS	*974 E ARQUES AVE*	*32*	*353*
RELIANCE TECHNICAL SVCS	*895 KIFER RD*	*36*	*409*
PHILIPS SEMICONDUCTORS, INC.	*730 EVELYN*	*43*	*495*
MOTOROLA FOUR PHASE INC	*10700 N DE ANZA BLVD*	*58*	*633*

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 24 RCRA-LQG sites within the searched area.

Site	**Address**	**Map ID**	**Page**
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
NORTHROP GRUMMAN MARINE SYSTEM	***401 EAST HENDY AVENUE***	***0***	***60***
ADVANCED MICRO DEVICES INC	***901 THOMPSON PL***	***0***	***88***
ADVANCED MICRO DEVICES INCORPO	***915 DEGUIGNE DRIVE***	***0***	***109***
TRW ELECTROMAGNETIC SYSTEMS	611 BALTIC WAY	4	151
HONEYWELL INTERNATIONAL	***1349 MOFFETT PARK DR***	***7***	***157***
ORBIT SEMICONDUCTOR, INC.	***1230 BORDEAUX DR***	***8***	***161***
H SQUARE CORP	***1033 N FAIR OAKS AVE***	***16***	***190***
ANALOG DEVICES SUNNYVALE SITE	***610 EAST WEDDELL DRIVE***	***16***	***191***
ALPHA EMS	***1107 N FAIR OAKS AVE***	***16***	***199***
PHILIPS SEMICONDUCTORS	***440 N WOLFE RD***	***26***	***270***
FOUR D METAL FINISHING INCORPO	***620 EAST TAYLOR AVE***	***26***	***281***
PHILIPS SEMICONDUCTORS	***811 E ARQUES AVE MAIL S***	***31***	***324***
HEWLETT PACKARD DATA TERMINALS	***974 E ARQUES AVE***	***32***	***353***
PROTO ENGINEERING	***183 COMMERCIAL ST***	***35***	***386***
SUNNYVALE CITY OF	***221 COMMERCIAL ST***	***35***	***395***
RELIANCE TECHNICAL SVCS	***895 KIFER RD***	***36***	***409***
ROHM DEVICE USA LLC KIFER	***740 KIFER RD MAIN BLDG***	***36***	***427***
RADIATION DETECTION COMPANY	***162 WOLFE RD***	***36***	***459***
MOHAWK LABORATORIES	***932 KIFER RD***	***40***	***476***
PHILIPS SEMICONDUCTORS, INC.	***730 EVELYN***	***43***	***495***
AMERICAN PEPTIDE COMPANY, INC.	***777 E EVELYN AVE***	***43***	***507***
EXXON SERVICE STATION NO 7-392	***604 S FAIROAKS RD/REED***	***45***	***531***
CUPERTINO SVC CTR	10900 NORTH BLANEY AVE	55	624

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 77 RCRA-SQG sites within the searched area.

Site	**Address**	**Map ID**	**Page**
INTERSIL INCORPORATED	***10900 N TANTAU AVENUE***	***0***	***3***
MONOLITHIC MEMORIES INC	***1165 E ARQUES AVE***	***0***	***75***
TRW INC	***825 STEWART DRIVE***	***0***	***100***
BALL A C CO	***141 CASPIAN CT***	***3***	***145***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
LOCKHEED MISSLES & SPACE CO	***641 BALTIC WAY***	***4***	***148***
ROLM CORP	***611 BALTIC WY***	***4***	***150***
ACCURAY INCORPORATED	***1310 ORLEANS DRIVE***	***6***	***153***
LOCKHEED	***1341 ORLEANS***	***6***	***154***
ULTRA SYSTEMS	***1330 ORLEANS DRIVE***	***6***	***154***
LOCKHEED MISSILES & SPACE CO	***1329 MOFFETT PARK DR***	***7***	***155***
ACCURAY INCORPORATED	1310 CHESAPEAKE TERRACE	9	168
CALIFORNIA CIRCUIT ENGRNG INC	***1292 REAMWOOD AVE***	***10***	***170***
MCLEAN TRUCKING CO	***1220 N FAIROAKS***	***12***	***183***
SYN LABS INC	***568 WEDDELL DR SUITE 2***	***16***	***198***
THREE DELTA CORP	***1038 KIEL CT***	***16***	***203***
VERSATRONEX CORPORATION	***1131 N FAIROAKS AVENUE***	***16***	***203***
CYONICS LTD	***1145 TASHMAN DR***	***17***	***210***
TOSCO NORTHWEST CO NO 11231	***801 N FAIR OAKS AVE***	***21***	***231***
DATA GENERAL CORPORATION SUNNY	***433 NORTH MATHILDA AVEN***	***22***	***232***
ZYMOS CORP	***477 N MATHILDA AVE***	***22***	***239***
NANOMETRICS INCORPORATED	***690 EAST ARQUES AVE***	***26***	***260***
MULTI SWISS TECHNOLOGY	***680 EAST TAYLOR AVE***	***26***	***265***
PYRAMID PAINTING INC	***636 TAYLOR ST***	***26***	***267***
PACIFIC BELL	***616 TAYLOR STREET***	***26***	***269***
SIGNETICS CORP.	***848 STEWART***	***26***	***285***
APLEX GROUP	***830 STEWART DR***	***26***	***288***
SIGNETICS CORP	***897 STEWART***	***27***	***292***
INPRINT CORP	***968 STEWART DR***	***28***	***295***
AUTOMASTERS	***283 N FAIROAKS***	***30***	***305***
TONY & BROS	***281 N FAIROAKS***	***30***	***306***
PHILIPS SEMICONDUCTORS	***811 EAST ARQUES AVE***	***31***	***318***
UNITED TECHNOLOGIES CORP CHEM	***1050 E ARQUES AVE***	***32***	***346***
STC MICROTECHNOLOGY CORP	***224 N. WOLFE RD.***	***34***	***378***
RIGEL INC	***772 LUCERNE DR***	***34***	***379***
RASTER GRAPHICS INCORP	***285 N WOLFE RD***	***34***	***381***
WESTERN PRECISION INC	***230 COMMERCIAL ST***	***35***	***403***
PHILIPS SEMICONDUCTORS	***860 KIFER***	***36***	***407***
EASTMAN KODAK COMPANY	***810 KIFER RD***	***36***	***419***
P B H INC	***810 KIFER RD***	***36***	***420***
MADE IN JAPAN	***135 N WOLFE RD***	***36***	***422***
COOPER LASERSONICS INC	***795 KIFER RD***	***36***	***422***
HEALUX	795 KIFER RD	36	423
ACC U TUNE AND BRAKE S V L W	***138 N WOLFE RD***	***36***	***424***
FORMER TEL MOS INC FACILITY	740 KIFER RD	36	428
SIGNETICS CORP	***740 KIFER RD***	***36***	***431***
HOME DEPOT USA INC HD 0640	680 KIFER RD	36	437
ROYAL AUTO BODY & TOWING	***150 N WOLFE ROAD***	***36***	***438***
MAXIM INTEGRATED PRODUCTS	***120 SAN GABRIEL DRIVE***	***36***	***445***
COOPER LASER SONICS	***177 WN WOLFE RD***	***36***	***453***
FORMER MAGNETICS INC SITE	158 SAN LAZARO AVE	36	454
C & G TOOL INC	***165 SAN LAZARO AVE***	***36***	***459***
SIGNETICS CORP	***175 SAN GABRIEL***	***36***	***466***
UVP, INC	***825 E EVELYN AVE***	***43***	***506***
HNL INC	***824 E EVELYN AVE***	***43***	***507***
UVP INCORPORATED	825 E EVELYN AVE	43	507
SIGNETICS CORP	***290 WOLFE***	***43***	***510***
T-M MANUFACTURING CO#	***305 BRITTON AVE***	***43***	***510***
POWELL ELECTRONICS INC	***722 E EVELYN AVE***	***43***	***515***
ST JUDE MEDICAL CRM DIV	***709 E EVELYN AVE***	***43***	***518***
ST JUDE MEDICAL CRMD	***705 E EVELYN AVE***	***43***	***523***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
REMEL INC	160 S WOLFE RD	43	526
CHEVRON STATION NO 97606	***296 N FAIROAKS AVE***	***44***	***528***
TOSCO NORTHWEST CO NO 11232	***603 OLD SAN FRANCISCO R***	***45***	***542***
SUNNYVALE FORD	***650 EL CAMINO REAL***	***49***	***549***
LIEN ONE HOUR PHOTO	***605 E EL CAMINO REAL ST***	***49***	***552***
SUNNYVALE ACURA	***750 E EL CAMINO REAL***	***49***	***553***
DRY CLEAN U S A	***605 E EL CAMINO REAL***	***49***	***561***
SUNNYVALE MAZDA	***710 E EL CAMINO REAL***	***49***	***567***
GESTETNER CORP	***510 E EL CAMINO REAL***	***49***	***572***
FALORE SUNNYVALE AMC JEEP	***680 E EL CAMINO REAL***	***49***	***573***
SUNNYVALE FORD	***650 E EL CAMINO REAL***	***49***	***576***
TEXACO SERVICE STATION	***604 EAST EL CAMINO REAL***	***49***	***577***
ALBERTSONS NO 7103	***580 E EL CAMINO REAL***	***49***	***579***
LONGS DRUG STORE NO 70	***576 E EL CAMINO REAL***	***49***	***580***
ROYAL VOLVO	***805 E EL CAMINO REAL***	***50***	***590***
MEREDITH CORP SUN NEWSPAPERS	***10950 N BLANEY AVE***	***55***	***628***
MOTOROLA FOUR PHASE INC	***10700 N DE ANZA BLVD***	***58***	***633***

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2006 has revealed that there are 2 ERNS sites within the searched area.

Site	Address	Map ID	Page
562 N. BRITTON AVE.	562 N. BRITTON AVE.	24	253
10900 NORTH BLANEY ST	10900 NORTH BLANEY ST	55	621

ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 10/18/2006 has revealed that there are 9 US ENG CONTROLS sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED	***10900 N TANTAU AVENUE***	***0***	***3***
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
NORTHROP GRUMMAN MARINE SYSTEM	***401 EAST HENDY AVENUE***	***0***	***60***
MONOLITHIC MEMORIES INC	***1165 E ARQUES AVE***	***0***	***75***
ADVANCED MICRO DEVICES INC	***901 THOMPSON PL***	***0***	***88***
TRW INC	***825 STEWART DRIVE***	***0***	***100***
ADVANCED MICRO DEVICES INCORPO	***915 DEGUIGNE DRIVE***	***0***	***109***
SOUTH BAY ASBESTOS AREA	***FT OF LIBERTY ST GUADAL***	***0***	***128***
PHILIPS SEMICONDUCTORS	***811 E ARQUES AVE MAIL S***	***31***	***324***

EXECUTIVE SUMMARY

INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 01/24/2007 has revealed that there are 4 US INST CONTROL sites within the searched area.

Site	Address	Map ID	Page
NATIONAL SEMICONDUCTOR CORPORA	*2900 SEMICONDUCTOR DR*	*0*	*18*
NORTHROP GRUMMAN MARINE SYSTEM	*401 EAST HENDY AVENUE*	*0*	*60*
MONOLITHIC MEMORIES INC	*1165 E ARQUES AVE*	*0*	*75*
SOUTH BAY ASBESTOS AREA	*FT OF LIBERTY ST GUADAL*	*0*	*128*

RODS: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 01/10/2007 has revealed that there are 9 ROD sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED	*10900 N TANTAU AVENUE*	*0*	*3*
NATIONAL SEMICONDUCTOR CORPORA	*2900 SEMICONDUCTOR DR*	*0*	*18*
NORTHROP GRUMMAN MARINE SYSTEM	*401 EAST HENDY AVENUE*	*0*	*60*
MONOLITHIC MEMORIES INC	*1165 E ARQUES AVE*	*0*	*75*
ADVANCED MICRO DEVICES INC	*901 THOMPSON PL*	*0*	*88*
TRW INC	*825 STEWART DRIVE*	*0*	*100*
ADVANCED MICRO DEVICES INCORPO	*915 DEGUIGNE DRIVE*	*0*	*109*
SOUTH BAY ASBESTOS AREA	*FT OF LIBERTY ST GUADAL*	*0*	*128*
PHILIPS SEMICONDUCTORS	*811 E ARQUES AVE MAIL S*	*31*	*324*

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2004 has revealed that there are 3 TRIS sites within the searched area.

Site	Address	Map ID	Page
ADVANCED MICRO DEVICES INCORPO	*915 DEGUIGNE DRIVE*	*0*	*109*
PROTO ENGINEERING	*183 COMMERCIAL ST*	*35*	*386*
MOHAWK LABORATORIES	*932 KIFER RD*	*40*	*476*

EXECUTIVE SUMMARY

SSTS: Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

A review of the SSTS list, as provided by EDR, and dated 12/31/2004 has revealed that there is 1 SSTS site within the searched area.

Site	Address	Map ID	Page
MOHAWK LABS DIV. OF NATL CHEMS	*932 KIFER RD*	*40*	*484*

PADS: The PCB Activity Database identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the United States Environmental Protection Agency of such activities. The source of this database is the U.S. EPA.

A review of the PADS list, as provided by EDR, and dated 10/17/2006 has revealed that there is 1 PADS site within the searched area.

Site	Address	Map ID	Page
NORTHROP GRUMMAN MARINE SYSTEM	*401 EAST HENDY AVENUE*	*0*	*60*

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/18/2007 has revealed that there are 87 FINDS sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED	*10900 N TANTAU AVENUE*	*0*	*3*
NATIONAL SEMICONDUCTOR CORPORA	*2900 SEMICONDUCTOR DR*	*0*	*18*
NORTHROP GRUMMAN MARINE SYSTEM	*401 EAST HENDY AVENUE*	*0*	*60*
MONOLITHIC MEMORIES INC	*1165 E ARQUES AVE*	*0*	*75*
ADVANCED MICRO DEVICES INC	*901 THOMPSON PL*	*0*	*88*
TRW INC	*825 STEWART DRIVE*	*0*	*100*
ADVANCED MICRO DEVICES INCORPO	*915 DEGUIGNE DRIVE*	*0*	*109*
SOUTH BAY ASBESTOS AREA	*FT OF LIBERTY ST GUADAL*	*0*	*128*
BALL A C CO	*141 CASPIAN CT*	*3*	*145*
LOCKHEED MISSLES & SPACE CO	*641 BALTIC WAY*	*4*	*148*
ROLM CORP	*611 BALTIC WY*	*4*	*150*
LOCKHEED	*1341 ORLEANS*	*6*	*154*
ULTRA SYSTEMS	*1330 ORLEANS DRIVE*	*6*	*154*
LOCKHEED MISSILES & SPACE CO	*1329 MOFFETT PARK DR*	*7*	*155*
HONEYWELL INTERNATIONAL	*1349 MOFFETT PARK DR*	*7*	*157*
ORBIT SEMICONDUCTOR, INC.	*1230 BORDEAUX DR*	*8*	*161*
CALIFORNIA CIRCUIT ENGRNG INC	*1292 REAMWOOD AVE*	*10*	*170*

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
MCLEAN TRUCKING CO	*1220 N FAIROAKS*	*12*	*183*
H SQUARE CORP	*1033 N FAIR OAKS AVE*	*16*	*190*
ANALOG DEVICES SUNNYVALE SITE	*610 EAST WEDDELL DRIVE*	*16*	*191*
SYN LABS INC	*568 WEDDELL DR SUITE 2*	*16*	*198*
ALPHA EMS	*1107 N FAIR OAKS AVE*	*16*	*199*
THREE DELTA CORP	*1038 KIEL CT*	*16*	*203*
VERSATRONEX CORPORATION	*1131 N FAIROAKS AVENUE*	*16*	*203*
CYONICS LTD	*1145 TASHMAN DR*	*17*	*210*
TOSCO NORTHWEST CO NO 11231	*801 N FAIR OAKS AVE*	*21*	*231*
DATA GENERAL CORPORATION SUNNY	*433 NORTH MATHILDA AVEN*	*22*	*232*
ZYMOS CORP	*477 N MATHILDA AVE*	*22*	*239*
NANOMETRICS INCORPORATED	*690 EAST ARQUES AVE*	*26*	*260*
MULTI SWISS TECHNOLOGY	*680 EAST TAYLOR AVE*	*26*	*265*
PYRAMID PAINTING INC	*636 TAYLOR ST*	*26*	*267*
PACIFIC BELL	*616 TAYLOR STREET*	*26*	*269*
PHILIPS SEMICONDUCTORS	*440 N WOLFE RD*	*26*	*270*
FOUR D METAL FINISHING INCORPO	*620 EAST TAYLOR AVE*	*26*	*281*
SIGNETICS CORP.	*848 STEWART*	*26*	*285*
APLEX GROUP	*830 STEWART DR*	*26*	*288*
SIGNETICS CORP	*897 STEWART*	*27*	*292*
INPRINT CORP	*968 STEWART DR*	*28*	*295*
AUTOMASTERS	*283 N FAIROAKS*	*30*	*305*
TONY & BROS	*281 N FAIROAKS*	*30*	*306*
PHILIPS SEMICONDUCTORS	*811 E ARQUES AVE MAIL S*	*31*	*324*
HEWLETT PACKARD DATA TERMINALS	*974 E ARQUES AVE*	*32*	*353*
STC MICROTECHNOLOGY CORP	*224 N. WOLFE RD.*	*34*	*378*
RIGEL INC	*772 LUCERNE DR*	*34*	*379*
RASTER GRAPHICS INCORP	*285 N WOLFE RD*	*34*	*381*
SUNNYVALE CITY OF	*221 COMMERCIAL ST*	*35*	*395*
WESTERN PRECISION INC	*230 COMMERCIAL ST*	*35*	*403*
PHILIPS SEMICONDUCTORS	*860 KIFER*	*36*	*407*
RELIANCE TECHNICAL SVCS	*895 KIFER RD*	*36*	*409*
EASTMAN KODAK COMPANY	*810 KIFER RD*	*36*	*419*
MADE IN JAPAN	*135 N WOLFE RD*	*36*	*422*
COOPER LASERSONICS INC	*795 KIFER RD*	*36*	*422*
ACC U TUNE AND BRAKE S V L W	*138 N WOLFE RD*	*36*	*424*
SIGNETICS CORP	*740 KIFER RD*	*36*	*431*
ROYAL AUTO BODY & TOWING	*150 N WOLFE ROAD*	*36*	*438*
MAXIM INTEGRATED PRODUCTS	*120 SAN GABRIEL DRIVE*	*36*	*445*
COOPER LASER SONICS	*177 WN WOLFE RD*	*36*	*453*
C & G TOOL INC	*165 SAN LAZARO AVE*	*36*	*459*
RADIATION DETECTION COMPANY	*162 WOLFE RD*	*36*	*459*
ICORE INTERNATIONAL	*180 N WOLFE RD*	*36*	*462*
SIGNETICS CORP	*175 SAN GABRIEL*	*36*	*466*
MOHAWK LABORATORIES	*932 KIFER RD*	*40*	*476*
PHILIPS SEMICONDUCTORS, INC.	*730 EVELYN*	*43*	*495*
UVP, INC	*825 E EVELYN AVE*	*43*	*506*
HNL INC	*824 E EVELYN AVE*	*43*	*507*
AMERICAN PEPTIDE COMPANY, INC.	*777 E EVELYN AVE*	*43*	*507*
SIGNETICS CORP	*290 WOLFE*	*43*	*510*
T-M MANUFACTURING CO#	*305 BRITTON AVE*	*43*	*510*
POWELL ELECTRONICS INC	*722 E EVELYN AVE*	*43*	*515*
ST JUDE MEDICAL CRM DIV	*709 E EVELYN AVE*	*43*	*518*
ST JUDE MEDICAL CRMD	*705 E EVELYN AVE*	*43*	*523*
CHEVRON STATION NO 97606	*296 N FAIROAKS AVE*	*44*	*528*
EXXON SERVICE STATION NO 7-392	*604 S FAIROAKS RD/REED*	*45*	*531*

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
TOSCO NORTHWEST CO NO 11232	***603 OLD SAN FRANCISCO R***	***45***	***542***
LIEN ONE HOUR PHOTO	***605 E EL CAMINO REAL ST***	***49***	***552***
SUNNYVALE ACURA	***750 E EL CAMINO REAL***	***49***	***553***
DRY CLEAN U S A	***605 E EL CAMINO REAL***	***49***	***561***
SUNNYVALE MAZDA	***710 E EL CAMINO REAL***	***49***	***567***
GESTETNER CORP	***510 E EL CAMINO REAL***	***49***	***572***
FALORE SUNNYVALE AMC JEEP	***680 E EL CAMINO REAL***	***49***	***573***
TEXACO SERVICE STATION	***604 EAST EL CAMINO REAL***	***49***	***577***
ALBERTSONS NO 7103	***580 E EL CAMINO REAL***	***49***	***579***
LONGS DRUG STORE NO 70	***576 E EL CAMINO REAL***	***49***	***580***
ROYAL VOLVO	***805 E EL CAMINO REAL***	***50***	***590***
CUPERTINO SERVICE CENTER	10900 NORTH BLANEY AVEN	55	624
MEREDITH CORP SUN NEWSPAPERS	***10950 N BLANEY AVE***	***55***	***628***
MOTOROLA FOUR PHASE INC	***10700 N DE ANZA BLVD***	***58***	***633***

STATE AND LOCAL RECORDS

HIST CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 9 HIST Cal-Sites sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED	***10900 N TANTAU AVENUE***	***0***	***3***
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
ADVANCED MICRO DEVICES INCORPO	***915 DEGUIGNE DRIVE***	***0***	***109***
SOUTH BAY ASBESTOS AREA	***FT OF LIBERTY ST GUADAL***	***0***	***128***
PRECISION MEDIA CORPORATION	***1262 LAWRENCE STATION R***	***11***	***175***
SCR-FEI (TRW), 825 STEWAR	***825 STEWART***	***26***	***289***
ADVANCED MICRO DEVICES, INC.	***901 THOMPSON PLAZA, BLD***	***29***	***298***
MONOLITHIC MEMORIES	***1165 E ARQUES AVE***	***33***	***376***
WESTINGHOUSE ELECTRIC (SU	***HENDY AVE / FAIROAKS***	***38***	***469***

BEP: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are 6 CA BOND EXP. PLAN sites within the searched area.

Site	Address	Map ID	Page
PRECISION MEDIA	***1262 NORTH LAWRENCE STA***	***11***	***174***
ADVANCED MICRO DEVICES, INC.	***901 THOMPSON PLAZA, BLD***	***29***	***298***
SIGNETICS CORPORATION	811 E. ARQUES AVE	31	317
MONOLITHIC MEMORIES, INC.	***1165 EAST ARQUES AVENUE***	***33***	***374***
WESTINGHOUSE ELECTRIC CORPORAT	401 EAST HENDY	37	466
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DRIV***	***41***	***491***

WDS: California Water Resources Control Board - Waste Discharge System.

A review of the CA WDS list, as provided by EDR, and dated 12/19/2006 has revealed that there are 12 CA WDS sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED	***10900 N TANTAU AVENUE***	***0***	***3***
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
HONEYWELL INTERNATIONAL	***1349 MOFFETT PARK DR***	***7***	***157***
ORBIT SEMICONDUCTOR, INC.	***1230 BORDEAUX DR***	***8***	***161***
ANALOG DEVICES SUNNYVALE SITE	***610 EAST WEDDELL DRIVE***	***16***	***191***
T-M MANUFACTURING COMPANY	***695 E ARQUES AVE***	***26***	***256***
FOUR D METAL FINISHING INCORPO	***620 EAST TAYLOR AVE***	***26***	***281***
PHILIPS	***811 ARQUES AVE***	***31***	***309***
PHILIPS SEMICONDUCTORS	***811 E ARQUES AVE MAIL S***	***31***	***324***
HEWLETT PACKARD DATA TERMINALS	***974 E ARQUES AVE***	***32***	***353***
MOHAWK LABORATORIES	***932 KIFER RD***	***40***	***476***
SHELL	***703 S WOLFE RD***	***48***	***546***

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 55 Cortese sites within the searched area.

Site	Address	Map ID	Page
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
ADVANCED MICRO DEVICES INC	***901 THOMPSON PL***	***0***	***88***
SOUTH BAY ASBESTOS AREA	***FT OF LIBERTY ST GUADAL***	***0***	***128***
ESL INCORPORATED	***1345 CROSSMAN AVE***	***1***	***142***
ESL AC BALL COURSON COMPA	***141 CASPIAN***	***3***	***146***
ESL	***1330 GENEVA DR***	***5***	***151***
YELLOW FREIGHT SYSTEM INC	1220 FAIR OAKS AVE N	13	184
3-WAY CORPORATION	***1120 KARLSTAD (1150)***	***15***	***188***
LUCE MEATS	550 WEDDELL	16	199
BELL INDUSTRIES	***1161 FAIR OAKS N***	***16***	***209***
SPECIALTY GARBAGE & REFUS	***438 TOYAMA***	***18***	***211***
DIRECT DELIVERY SERVICE	***925 MORSE AVE***	***19***	***214***
PACE DISTRIBUTOR	***828 AHWANEE AVE W***	***20***	***219***
RETAIL PROPERTIES DEVELOP	708 FAIR OAKS AVE N	21	224
MOBIL	801 FAIR OAKS AVE N	21	231
EXXON	920 DUANE AVE E	23	247
PHILLIPS SEMICONDUCTORS	440 WOLFE RD N	26	281
SCR-FEI (TRW), 825 STEWAR	***825 STEWART***	***26***	***289***
SCR-STEWART DR. OU, SUB2	***968 STEWART***	***28***	***293***
EUROPEAN CAR	***275 N FAIROAKS***	***30***	***302***
CHEVRON	296 FAIR OAKS AVE N	30	308
SCR-SIGNETICS-811 ARQUES	811 ARQUES	31	311
SUNNYVALE FIRE STATION #2	795 ARQUES AVE E	31	346
UNITED TECHNOLOGIES CORP CHEM	***1050 E ARQUES AVE***	***32***	***346***
SCR-974 ARQUES AVE	974 ARQUES	32	353
WL HICKEY SONS INC	190 COMMERCIAL ST	35	393

Site	Address	Map ID	Page
KIMBALL MOTORS	221 COMMERCIAL	35	394
FAR WEST MOVING AND STORA	930 CALIFORNIA	35	407
SIGNETICS CORP	***740 KIFER RD***	***36***	***431***
WESTINGHOUSE ELECTRIC (SU	***HENDY AVE / FAIROAKS***	***38***	***469***
FAIR OAKS VILLAGE APTS WE	555 WASHINGTON	39	473
PEPSI COLA COMPANY	***960 KIFER RD***	***40***	***474***
WANDERER ELECTRIC	***925 KIFER RD***	***40***	***475***
SCR-NCH CORP & MOHAWK LAB	***932 KIFER***	***40***	***483***
TOP QUALITY FOODS	***917 KIFER RD***	***40***	***490***
SCR-ROYAL AUTO BODY AND T	150 WOLFE	43	495
PHILIPS SEMICONDUCTORS, INC.	***730 EVELYN***	***43***	***495***
BEACON	848 EVELYN AVE E	43	502
CUPERTINO ELECTRIC	***712 EVELYN AVE E***	***43***	***516***
ROADRUNNER AUTOMOTIVE	711 EVELYN AVE E	43	518
EXXON	604 FAIR OAKS AVE S	45	534
BP	***603 OLD SAN FRANCISCO R***	***45***	***536***
SCR-RADIATION DETECTION	162 WOLFE	46	543
SUNNYVALE ACURA	***750 E EL CAMINO REAL***	***49***	***553***
TEXACO	604 EL CAMINO REAL E	49	558
CHEVRON	605 EL CAMINO REAL E	49	567
SUNNYVALE MAZDA	***710 E EL CAMINO REAL***	***49***	***567***
FALORE SUNNYVALE AMC JEEP	***680 E EL CAMINO REAL***	***49***	***573***
DITOMMASO PROPERTY	***840 EL CAMINO REAL E***	***50***	***587***
LUCAS DEALERSHIP GROUP	***815 EL CAMINO REAL***	***50***	***588***
ROYAL VOLVO	***805 E EL CAMINO REAL***	***50***	***590***
SUNNYVALE CHRYSLER PLYMOU	***776 EL CAMINO REAL***	***50***	***596***
JIM AND GEORGE'S AUTO SERVICE	***1296 SARATOGA-SUNNYVALE***	***52***	***606***
CHEVRON	11010 DE ANZA BLVD N	54	615
MARIANI PACKING	***10930 DE ANZA BLVD***	***57***	***631***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/09/2007 has revealed that there are 112 LUST sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED Facility Status: Remedial action (cleanup) Underway	***10900 N TANTAU AVENUE***	***0***	***3***
MONOLITHIC MEMORIES INC Facility Status: Remedial action (cleanup) Underway	***1165 E ARQUES AVE***	***0***	***75***
ADVANCED MICRO DEVICES INC Facility Status: Remedial action (cleanup) Underway	***901 THOMPSON PL***	***0***	***88***
ESL INCORPORATED	1345 CROSSMAN AVE	1	142
ESL INCORPORATED Facility Status: Case Closed	***1345 CROSSMAN AVE***	***1***	***142***
ESL Facility Status: Case Closed	***1330 GENEVA DR***	***5***	***151***
CONSOLIDATED FREIGHTWAYS, INC.	1319 MOFFETT PARK DR	7	155
CALIFORNIA CIRCUIT ENGRNG INC Facility Status: Preliminary site assessment workplan submitted	***1292 REAMWOOD AVE***	***10***	***170***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
YELLOW FREIGHT SYSTEM, INC.	***1220 N FAIROAKS AVE***	***13***	***183***
YELLOW FREIGHT SYSTEM, INC.	1220 N FAIROAKS AVE	13	185
YELLOW FREIGHT SYSTEM, INC.	***1220 N FAIR OAKS AVE***	***13***	***185***
Facility Status: Case Closed			
3-WAY CORPORATION	***1120 KARLSTAD (1150)***	***15***	***188***
Facility Status: Case Closed			
3-WAY CORPORATION	1120 KARLSTAD (1150)	15	190
CLASSICS AT CITY PARK	1036 KIEL CT	16	201
CLASSICS AT CITY PARK	1036 KIEL COURT	16	202
Facility Status: Case Closed			
BELL INDUSTRIES	***1161 FAIR OAKS BLVD N***	***16***	***205***
Facility Status: Case Closed			
BELL INDUSTRIES	***1161 FAIR OAKS N***	***16***	***209***
Facility Status: Case Closed			
SPECIALTY GARBAGE & REFUSE	***438 TOYAMA DR***	***18***	***212***
Facility Status: Case Closed			
DIRECT DELIVERY SERVICE	925 MORSE AVE	19	214
DIRECT DELIVERY SERVICE	***925 MORSE AVE***	***19***	***214***
Facility Status: Case Closed			
PACE DISTRIBUTORS	***828 W AHWANEE AVE***	***20***	***217***
Facility Status: Case Closed			
TEXACO	***698 N FAIR OAKS AVE***	***21***	***220***
Facility Status: Case Closed			
RETAIL PROPERTIES DEVELOPMENT	***708 N FAIR OAKS AVE***	***21***	***221***
Facility Status: Preliminary site assessment underway			
MOBIL (CONOCOPHILLIPS)	***801 N FAIROAKS AVE***	***21***	***228***
MOBIL (CONOCOPHILLIPS)	***801 N FAIR OAKS AVE***	***21***	***229***
Facility Status: Post remedial action monitoring			
DATA GENERAL CORPORATION SUNNY	***433 NORTH MATHILDA AVEN***	***22***	***232***
Facility Status: Case Closed			
ZYMOS CORP	***477 N MATHILDA AVE***	***22***	***239***
Facility Status: Leak being confirmed Facility Status: Preliminary site assessment workplan submitted			
JIM’S SERVICE	***920 E DUANE***	***23***	***247***
Facility Status: Case Closed			
WALLS’ EXXON	920 E DUANE AVE	23	249
JIM’S SERVICE	920 E DUANE	23	250
WALLS’ EXXON	***920 E DUANE AVE***	***23***	***250***
Facility Status: Case Closed			
AMD	***915 DEGUIGNE DR***	***25***	***253***
Facility Status: Remedial action (cleanup) Underway			
T-M MANUFACTURING	***695 EAST ARQUES AVENUE***	***26***	***255***
Facility Status: Pollution Characterization			
PHILIPS SEMICONDUCTOR	440 N WOLFE RD,	26	269
PHILIPS SEMICONDUCTORS	***440 N WOLFE RD***	***26***	***270***
Facility Status: Case Closed			
TRW MICROWAVE	***825 STEWART DRIVE***	***26***	***286***
Facility Status: Remedial action (cleanup) Underway			

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
AMD - BLDG'S 901/902	***901-902 THOMPSON PLACE***	***29***	***300***
Facility Status: Remedial action (cleanup) Underway			
EUROPEAN CAR	***275 N FAIROAKS***	***30***	***302***
EUROPEAN CAR	***275 N FAIR OAKS***	***30***	***304***
Facility Status: Case Closed			
CHEVRON #9-7606	***296 N FAIR OAKS AVE***	***30***	***307***
Facility Status: Case Closed			
PHILIPS	***811 ARQUES AVE***	***31***	***309***
Facility Status: Remedial action (cleanup) Underway			
SUNNYVALE FIRE STATION #2	***795 E ARQUES AVE***	***31***	***311***
Facility Status: Case Closed			
SUNNYVALE FIRE STATION #2	795 E ARQUES AVE	31	315
PHILIPS SEMICONDUCTOR	811 E ARQUES	31	318
PHILIPS SEMICONDUCTORS	***811 EAST ARQUES AVE***	***31***	***318***
Facility Status: Remedial action (cleanup) Underway			
PHILIPS SEMICONDUCTORS	***811 E ARQUES AVE MAIL S***	***31***	***324***
Facility Status: Case Closed			
UNITED TECHNOLOGIES CORP CHEM	***1050 E ARQUES AVE***	***32***	***346***
Facility Status: Remediation Plan			
ARQUES CORP	***999 EAST ARQUES AVE***	***32***	***350***
Facility Status: Remedial action (cleanup) Underway			
HEWLETT PACKARD DATA TERMINALS	***974 E ARQUES AVE***	***32***	***353***
Facility Status: Remedial action (cleanup) Underway			
HEWLETT PACKARD (DATA TERMINAL	***974 EAST ARQUES AVENUE***	***32***	***370***
Facility Status: Leak being confirmed			
SHELL	***928 E ARQUES AVE***	***32***	***373***
Facility Status: Case Closed			
SHELL	928 E ARQUES AVE	32	374
MONOLITHIC MEMORIES, INC.	***1165 EAST ARQUES AVENUE***	***33***	***374***
Facility Status: Leak being confirmed			
THE JOHN LINCOLN CO.	***172 COMMERCIAL ST***	***35***	***382***
Facility Status: Case Closed Facility Status: Case Closed			
SUNNYVALE CITY OF	***221 COMMERCIAL ST***	***35***	***395***
Facility Status: Preliminary site assessment underway			
SUNNYVALE CORPORATION YARD	***221 COMMERCIAL ST***	***35***	***398***
Facility Status: Case Closed			
FAR WEST MOVING & STORAGE	930 E CALIFORNIA	35	403
FAR WEST MOVING & STORAGE	***930 E CALIFORNIA***	***35***	***405***
Facility Status: Case Closed			
PILKINGTON BARNES HIND	***895 KIFER RD***	***36***	***417***
Facility Status: Post remedial action monitoring			
PHILIPS SEMICONDUCTORS - KIFER	***740 KIFER RD***	***36***	***428***
Facility Status: Remedial action (cleanup) Underway			
ROYAL AUTO BODY	150 NORTH WOLFE ROAD	36	437
Facility Status: Remedial action (cleanup) Underway			
150 SAN LAZARO AVENUE	***150 SAN LAZARO AVENUE***	***36***	***447***
Facility Status: Leak being confirmed			

Site	Address	Map ID	Page
HEPCO	***150 SAN LAZARO***	***36***	***449***
Facility Status: Leak being confirmed			
154 SAN LAZARO AVENUE	***154 SAN LAZARO AVENUE***	***36***	***451***
Facility Status: Leak being confirmed			
MAGNETICS, INC	***158 SAN LAZARO AVENUE***	***36***	***455***
Facility Status: Leak being confirmed			
162 SAN LAZARO AVENUE	***162 SAN LAZARO AVENUE***	***36***	***457***
Facility Status: Leak being confirmed			
ICORE INTERNATIONAL	***180 N WOLFE RD***	***36***	***462***
Facility Status: Remedial action (cleanup) Underway			
WESTINGHOUSE ELECTRIC CORP	***401 HENDY AVE E***	***37***	***467***
Facility Status: Remediation Plan			
WESTINGHOUSE ELECTRIC CORP.	401 E HENDY AVE	37	469
FAIR OAKS VILLAGE APTS. (WEST)	555 E WASHINGTON AVE	39	472
FAIR OAKS VILLAGE APTS. (WEST)	***555 E WASHINGTON AVE***	***39***	***472***
Facility Status: Case Closed			
WANDERER ELECTRIC	925 KIFER RD	40	475
MOHAWK LABS DIV. OF NATL CHEMS	***932 KIFER RD***	***40***	***484***
Facility Status: Remedial action (cleanup) Underway			
TOP QUALITY FOODS	917 KIFER RD	40	489
TOP QUALITY FOODS	***917 KIFER RD***	***40***	***490***
Facility Status: Case Closed			
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DRIV***	***41***	***491***
Facility Status: Leak being confirmed			
PHILIPS SEMICONDUCTORS, INC.	***730 EVELYN***	***43***	***495***
Facility Status: Remedial action (cleanup) Underway			
BEACON #543	***848 E EVELYN AVE***	***43***	***503***
Facility Status: Pollution Characterization			
INDEPENDENT ELECTRIC SUPPLY	755 EAST EVELYN AVENUE	43	512
Facility Status: Case Closed			
CUPERTINO ELECTRIC	***712 EVELYN AVE E***	***43***	***516***
Facility Status: Case Closed			
CHEVRON #9-7606	***296 N FAIROAKS AVE***	***44***	***528***
EXXON SERVICE STATION NO 7-392	***604 S FAIROAKS RD/REED***	***45***	***531***
Facility Status: Case Closed			
BP OIL #11232	***603 OLD SAN FRANCISCO R***	***45***	***534***
BP OIL #11232	***603 OLD SAN FRANCISCO R***	***45***	***539***
Facility Status: Remedial action (cleanup) Underway			
RETAIL PROPERTIES DEVELOPMENT	708 N FAIROAKS AVE	47	543
TEXACO	698 N FAIROAKS AVE	47	545
SHELL	***703 S WOLFE RD***	***48***	***546***
Facility Status: Pollution Characterization			
SUNNYVALE ACURA	***750 E EL CAMINO REAL***	***49***	***553***
Facility Status: Case Closed			
CHEVRON #9-7007	***605 E EL CAMINO REAL***	***49***	***561***
Facility Status: Case Closed			
SUNNYVALE MAZDA	***710 E EL CAMINO REAL***	***49***	***567***
Facility Status: Case Closed			

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
FALORE AMC/JEEP	680 E EL CAMINO REAL	49	572
FALORE SUNNYVALE AMC JEEP	***680 E EL CAMINO REAL***	***49***	***573***
Facility Status: Case Closed			
TEXACO	604 E EL CAMINO REAL	49	577
TEXACO SERVICE STATION	***604 EAST EL CAMINO REAL***	***49***	***577***
Facility Status: Case Closed			
CHEVRON #9-7007	605 E EL CAMINO REAL	49	579
DITOMMASO PROPERTY	***840 EL CAMINO REAL E***	***50***	***587***
Facility Status: Case Closed			
LUCAS DEALERSHIP GROUP	***815 EL CAMINO REAL***	***50***	***588***
Facility Status: Case Closed			
ROYAL VOLVO	***805 E EL CAMINO REAL***	***50***	***590***
Facility Status: Case Closed			
ROYAL VOLVO AND SUBARU	***805 E EL CAMINO REAL***	***50***	***592***
Facility Status: Case Closed			
SUNNYVALE CHRYSLER/PLYMOUTH	***776 E EL CAMINO REAL***	***50***	***597***
Facility Status: Case Closed			
SOUTHLAND CORPORATION PROPERTY	895 E FREMONT AVE	51	602
UNOCAL	***898 E FREMONT AVE***	***51***	***602***
Facility Status: Pollution Characterization Facility Status: Case Closed			
UNOCAL	898 E FREMONT AVE	51	606
JIM AND GEORGE'S AUTO SERVICE	***1296 SARATOGA-SUNNYVALE***	***52***	***606***
Facility Status: Case Closed			
SHELL	***1300 SARATOGA-SUNNYVALE***	***53***	***608***
Facility Status: Case Closed			
MARIANI PACKING	10930 DE ANZA BLVD	54	609
CHEVRON #9-5700	***11010 N DE ANZA BLVD***	***54***	***610***
Facility Status: Case Closed			
CHEVRON #9-5700	11010 N DE ANZA BLVD	54	615
MOBIL	11025 DE ANZA BLVD	54	615
P G & E	10900 BLANEY AVE.	55	621
PG&E	10900 NORTH BLANEY AVEN	55	623
Facility Status: Case Closed			
MARIANI PACKING	***10930 DE ANZA BLVD***	***57***	***631***
Facility Status: Case Closed			

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 18 CA FID UST sites within the searched area.

Site	Address	Map ID	Page
SPECIALTY GARBAGE & REFUSE	***438 TOYAMA DR***	***18***	***212***
MOBIL (CONOCOPHILLIPS)	***801 N FAIROAKS AVE***	***21***	***228***
WALLS' EXXON	***920 E DUANE AVE***	***23***	***250***
T-M MANUFACTURING CO. INC.	***695 E ARQUES***	***26***	***262***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
PHILIPS SEMICONDUCTORS	*440 N WOLFE RD*	*26*	*270*
EUROPEAN CAR	*275 N FAIROAKS*	*30*	*302*
SIGNETICS CORPORATION	*811 E ARQUES AVE*	*31*	*320*
EXAR CORPORATION	*740 KIFER RD*	*36*	*430*
PINE CONE LUMBER	895 E EVELYN AVE	43	506
INDEPENDANT ELECTRIC SUPPLY	*755 E EVELYN*	*43*	*511*
CHEVRON #9-7606	*296 N FAIROAKS AVE*	*44*	*528*
BP OIL #11232	*603 OLD SAN FRANCISCO R*	*45*	*539*
EXXON #7-0283	*698 N FAIROAKS AVE*	*47*	*543*
SUNNYVALE FORD	*650 EL CAMINO REAL*	*49*	*549*
SUNNYVALE ACURA	*750 E EL CAMINO REAL*	*49*	*553*
SUNNYVALE MAZDA	*710 E EL CAMINO REAL*	*49*	*567*
FALORE SUNNYVALE AMC JEEP	*680 E EL CAMINO REAL*	*49*	*573*
PACIFIC GAS AND ELECTRIC CO.	*10900 N BLANEY AVE*	*55*	*625*

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 01/09/2007 has revealed that there are 34 SLIC sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED Facility Status: Remedial Action Underway	*10900 N TANTAU AVENUE*	*0*	*3*
MONOLITHIC MEMORIES INC Facility Status: Remedial Action Underway	*1165 E ARQUES AVE*	*0*	*75*
CALIFORNIA CIRCUIT ENGRNG INC	*1292 REAMWOOD AVE*	*10*	*170*
BELL INDUSTRIES	*1161 FAIR OAKS BLVD N*	*16*	*205*
DATA GENERAL CORPORATION SUNNY Facility Status: Case Closed	*433 NORTH MATHILDA AVEN*	*22*	*232*
ZYMOS CORP	*477 N MATHILDA AVE*	*22*	*239*
AMD Facility Status: Remedial Action Underway	*915 DEGUIGNE DR*	*25*	*253*
T-M MANUFACTURING Facility Status: Pollution Characterization	*695 EAST ARQUES AVENUE*	*26*	*255*
TRW MICROWAVE Facility Status: Remedial Action Underway	*825 STEWART DRIVE*	*26*	*286*
AMD - BLDG'S 901/902 Facility Status: Remedial Action Underway	*901-902 THOMPSON PLACE*	*29*	*300*
PHILIPS	*811 ARQUES AVE*	*31*	*309*
PHILIPS SEMICONDUCTORS Facility Status: Remedial Action Underway	*811 EAST ARQUES AVE*	*31*	*318*
UNITED TECHNOLOGIES CORP CHEM	*1050 E ARQUES AVE*	*32*	*346*
ARQUES CORP Facility Status: Remedial Action Underway	*999 EAST ARQUES AVE*	*32*	*350*
HEWLETT PACKARD DATA TERMINALS	*974 E ARQUES AVE*	*32*	*353*
HEWLETT PACKARD (DATA TERMINAL Facility Status: Case Open	*974 EAST ARQUES AVENUE*	*32*	*370*
MONOLITHIC MEMORIES, INC. Facility Status: Feasibility Study for Remedial Action Plan	*1165 EAST ARQUES AVENUE*	*33*	*374*

Site	Address	Map ID	Page
SUNNYVALE CITY OF	***221 COMMERCIAL ST***	***35***	***395***
SUNNYVALE CORPORATION YARD Facility Status: Case Closed	***221 COMMERCIAL ST***	***35***	***398***
PILKINGTON BARNES HIND Facility Status: Verification Monitoring Underway	***895 KIFER RD***	***36***	***417***
PHILIPS SEMICONDUCTORS - KIFER	***740 KIFER RD***	***36***	***428***
SIGNETICS CORP	***740 KIFER RD***	***36***	***431***
150 SAN LAZARO AVENUE Facility Status: Case Open	***150 SAN LAZARO AVENUE***	***36***	***447***
HEPCO	***150 SAN LAZARO***	***36***	***449***
154 SAN LAZARO AVENUE Facility Status: Case Open	***154 SAN LAZARO AVENUE***	***36***	***451***
158 SAN LAZARO AVENUE	158 SAN LAZARO AVENUE	36	454
MAGNETICS, INC	***158 SAN LAZARO AVENUE***	***36***	***455***
162 SAN LAZARO AVENUE Facility Status: Case Open	***162 SAN LAZARO AVENUE***	***36***	***457***
ICORE INTERNATIONAL Facility Status: Remedial Action Underway	***180 N WOLFE RD***	***36***	***462***
WESTINGHOUSE ELECTRIC CORP	***401 HENDY AVE E***	***37***	***467***
MOHAWK LABS DIV. OF NATL CHEMS Facility Status: Remedial Action Underway	***932 KIFER RD***	***40***	***484***
NATIONAL SEMICONDUCTOR CORPORA Facility Status: Case Open	***2900 SEMICONDUCTOR DRIV***	***41***	***491***
PHILIPS SEMICONDUCTORS, INC.	***730 EVELYN***	***43***	***495***
SIGNETICS EVELYN	730 EVELYN AVE	43	501

HIST LUST SANTA CLARA: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 42 HIST LUST sites within the searched area.

Site	Address	Map ID	Page
ESL INCORPORATED	***1345 CROSSMAN AVE***	***1***	***142***
YELLOW FREIGHT SYSTEM, INC.	***1220 N FAIR OAKS AVE***	***13***	***185***
3-WAY CORPORATION	***1120 KARLSTAD (1150)***	***15***	***188***
SPECIALTY GARBAGE & REFUSE	***438 TOYAMA DR***	***18***	***212***
DIRECT DELIVERY SERVICE	***925 MORSE AVE***	***19***	***214***
PACE DISTRIBUTORS	***828 W AHWANEE AVE***	***20***	***217***
TEXACO	***698 N FAIR OAKS AVE***	***21***	***220***
RETAIL PROPERTIES DEVELOPMENT	***708 N FAIR OAKS AVE***	***21***	***221***
MOBIL (CONOCOPHILLIPS)	***801 N FAIR OAKS AVE***	***21***	***229***
JIM’S SERVICE	***920 E DUANE***	***23***	***247***
WALLS’ EXXON	***920 E DUANE AVE***	***23***	***250***
PHILIPS SEMICONDUCTORS	***440 N WOLFE RD***	***26***	***270***
EUROPEAN CAR	***275 N FAIR OAKS***	***30***	***304***
CHEVRON #9-7606	***296 N FAIR OAKS AVE***	***30***	***307***
SUNNYVALE FIRE STATION #2	***795 E ARQUES AVE***	***31***	***311***
PHILIPS SEMICONDUCTORS	***811 E ARQUES AVE MAIL S***	***31***	***324***

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Site	Address	Map ID	Page
SHELL	***928 E ARQUES AVE***	***32***	***373***
THE JOHN LINCOLN CO.	***172 COMMERCIAL ST***	***35***	***382***
SUNNYVALE CORP YARD	221 COMMERCIAL ST	35	394
FAR WEST MOVING & STORAGE	***930 E CALIFORNIA***	***35***	***405***
WESTINGHOUSE ELECTRIC CORP.	401 E HENDY AVE	37	468
FAIR OAKS VILLAGE APTS. (WEST)	***555 E WASHINGTON AVE***	***39***	***472***
WANDERER ELECTRIC	***925 KIFER RD***	***40***	***475***
TOP QUALITY FOODS	***917 KIFER RD***	***40***	***490***
BEACON #543	***848 E EVELYN AVE***	***43***	***503***
CUPERTINO ELECTRIC INC.	712 E EVELYN AVE	43	516
EXXON SERVICE STATION NO 7-392	***604 S FAIROAKS RD/REED***	***45***	***531***
BP OIL #11232	***603 OLD SAN FRANCISCO R***	***45***	***539***
SHELL	***703 S WOLFE RD***	***48***	***546***
CHEVRON #9-7007	***605 E EL CAMINO REAL***	***49***	***561***
SUNNYVALE MAZDA	***710 E EL CAMINO REAL***	***49***	***567***
FALORE SUNNYVALE AMC JEEP	***680 E EL CAMINO REAL***	***49***	***573***
TEXACO SERVICE STATION	***604 EAST EL CAMINO REAL***	***49***	***577***
LUCAS DEALERSHIP GROUP	***815 EL CAMINO REAL***	***50***	***588***
ROYAL VOLVO	***805 E EL CAMINO REAL***	***50***	***590***
ROYAL VOLVO AND SUBARU	***805 E EL CAMINO REAL***	***50***	***592***
SUNNYVALE CHRYSLER/PLYMOUTH	***776 E EL CAMINO REAL***	***50***	***597***
UNOCAL	***898 E FREMONT AVE***	***51***	***602***
JIM AND GEORGE'S AUTO SERVICE	***1296 SARATOGA-SUNNYVALE***	***52***	***606***
SHELL	***1300 SARATOGA-SUNNYVALE***	***53***	***608***
CHEVRON #9-5700	***11010 N DE ANZA BLVD***	***54***	***610***
MARIANI PACKING	***10930 DE ANZA BLVD***	***57***	***631***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/09/2007 has revealed that there are 8 UST sites within the searched area.

Site	Address	Map ID	Page
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
AMD	***915 DEGUIGNE DR***	***25***	***253***
THE JOHN LINCOLN CO.	***172 COMMERCIAL ST***	***35***	***382***
PHILIPS SEMICONDUCTORS - KIFER	740 KIFER RD	36	428
CHEVRON #97606	***296 N FAIROAKS AVE***	***44***	***527***
BP OIL #11232	***603 OLD SAN FRANCISCO R***	***45***	***539***
VALERO	698 N FAIROAKS AVE	47	543
PG &E CORP YARD	10900 N BLANEY AV	55	624

EXECUTIVE SUMMARY

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 38 HIST UST sites within the searched area.

Site	Address	Map ID	Page
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
ADVANCED MICRO DEVICES INCORPO	***915 DEGUIGNE DRIVE***	***0***	***109***
YELLOW FREIGHT SYSTEM, INC.	***1220 N FAIROAKS AVE***	***13***	***183***
BILL SUYEYASU WHOLESALE FLORIS	1239 FAIROAKS WAY	13	186
BELL INDUSTRIES, ELECTRONIC DI	1161 N FAIROAKS AVE	16	207
GASCO SS#799	708 FAIROAKS	21	222
TEXACO	698 FAIR OAKS / CALIE	21	224
MOBIL SERVICE STATION	801 N FAIROAKS AVE	21	226
DATA GENERAL CORPORATION SUNNY	***433 NORTH MATHILDA AVEN***	***22***	***232***
ZYMOS CORP	***477 N MATHILDA AVE***	***22***	***239***
T-M MANUFACTURING COMPANY	***695 E ARQUES AVE***	***26***	***256***
PYRAMID PAINTING INC	***636 TAYLOR ST***	***26***	***267***
PHILLIPS RESEARCH LAB-SUNNYVAL	440 N WOLFE RD	26	280
WEMCO/FUTRONIX INC.	612 E TAYLOR AVE	26	284
FIRE STATION 2	***795 E ARQUES AVE***	***31***	***313***
SIGNETICS’ ARQUES COMPLEX	811 E ARQUES AVE	31	315
SIGNETICS CORPORATION	***811 E ARQUES AVE***	***31***	***320***
HEWLETT PACKARD DATA TERMINALS	***974 E ARQUES AVE***	***32***	***353***
THE JOHN LINCOLN CO.	***172 COMMERCIAL ST***	***35***	***382***
RELIANCE TECHNICAL SVCS	***895 KIFER RD***	***36***	***409***
BOISE CASCADE	190 KIFER CT	36	425
TELMOS, INC.	740 KIFER RD	36	436
MOHAWK LABORATORIES	***932 KIFER RD***	***40***	***476***
SUNNYVALE	***211 W IOWA AVE***	***42***	***494***
BEACON STATION #543	848 E EVELYN AVE	43	502
FAB 14	730 E EVELYN AVE	43	513
97606	296 N FAIROAKS AVE	44	529
EXXON SERVICE STATION NO 7-392	***604 S FAIROAKS RD/REED***	***45***	***531***
MOBIL SERVICE STATION	603 OLD SAN FRANCISCO R	45	537
TRUE AMERICAN AMC JEEP INC.	680 E EL CAMINO REAL	49	548
SUNNYVALE FORD	***650 EL CAMINO REAL***	***49***	***549***
ALLISON BAVARIAN BMW	750 E EL CAMINO REAL	49	553
EXXON SERVICE STATION #7-0282	***604 E EL CAMINO REAL***	***49***	***558***
CHEVRON #9-7007	***605 E EL CAMINO REAL***	***49***	***561***
VALLEY MAZDA	710 E. EL CAMINO	49	567
SUNNYVALE CHRYSLER/PLYMOUTH	***776 E EL CAMINO REAL***	***50***	***597***
CHEVRON #9-5700	***11010 N DE ANZA BLVD***	***54***	***610***
CUPERTINO SERVICE CENTER	10900 N BLANEY AVE	55	619

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board’s Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 11/02/2006 has revealed that there is 1 AST site within the searched area.

Site	Address	Map ID	Page
ROHM DEVICE USA LLC	760 KIFER RD	36	428

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SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 21 SWEEPS UST sites within the searched area.

Site	Address	Map ID	Page
SPECIALTY GARBAGE & REFUSE	***438 TOYAMA DR***	***18***	***212***
WALLS' EXXON	***920 E DUANE AVE***	***23***	***250***
T-M MANUFACTURING CO. INC.	***695 E ARQUES***	***26***	***262***
PHILIPS SEMICONDUCTORS	***440 N WOLFE RD***	***26***	***270***
EUROPEAN CAR	***275 N FAIROAKS***	***30***	***302***
SIGNETICS CORPORATION	***811 E ARQUES AVE***	***31***	***320***
HEWLETT PACKARD DATA TERMINALS	***974 E ARQUES AVE***	***32***	***353***
EXAR CORPORATION	***740 KIFER RD***	***36***	***430***
PINE CONE LUMBER	895 E EVELYN AVE	43	505
INDEPENDANT ELECTRIC SUPPLY	***755 E EVELYN***	***43***	***511***
CHEVRON #97606	***296 N FAIROAKS AVE***	***44***	***527***
BP OIL #11232	***603 OLD SAN FRANCISCO R***	***45***	***539***
EXXON #7-0283	***698 N FAIROAKS AVE***	***47***	***543***
SUNNYVALE ACURA	***750 E EL CAMINO REAL***	***49***	***553***
EXXON SERVICE STATION #7-0282	***604 E EL CAMINO REAL***	***49***	***558***
SUNNYVALE MAZDA	***710 E EL CAMINO REAL***	***49***	***567***
FALORE SUNNYVALE AMC JEEP	***680 E EL CAMINO REAL***	***49***	***573***
SUNNYVALE FORD	***650 E EL CAMINO REAL***	***49***	***576***
ROYAL VOLVO AND SUBARU	***805 E EL CAMINO REAL***	***50***	***592***
CHEVRON #9-5700	***11010 N DE ANZA BLVD***	***54***	***610***
PACIFIC GAS AND ELECTRIC CO.	***10900 N BLANEY AVE***	***55***	***625***

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2004 has revealed that there are 2 CHMIRS sites within the searched area.

Site	Address	Map ID	Page
NATIONAL SEMICONDUCTOR CORPORA Date Completed: 25-OCT-89 Date Completed: 19-SEP-89	***2900 SEMICONDUCTOR DR***	***0***	***18***
PACIFIC GAS AND ELECTRIC CO.	***10900 N BLANEY AVE***	***55***	***625***

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are

EXECUTIVE SUMMARY

2 Notify 65 sites within the searched area.

Site	Address	Map ID	Page
YELLOW FREIGHT SYSTEMS, INC.	1220 NORTH FAIR OAKS AV	12	183
SHELL SERVICE STATION	19990 STEVENS CREEK	59	634

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 01/15/2007 has revealed that there are 2 DEED sites within the searched area.

Site	Address	Map ID	Page
SOUTH BAY ASBESTOS AREA	***FT OF LIBERTY ST GUADAL***	***0***	***128***
PRECISION MEDIA CORPORATION	***1262 LAWRENCE STATION R***	***11***	***175***

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 11/28/2006 has revealed that there is 1 VCP site within the searched area.

Site	Address	Map ID	Page
CUPERTINO VILLAGE CLEANERS	***10989 NORTH WOLFE ROAD***	***56***	***629***

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CLEANERS list, as provided by EDR, and dated 04/18/2005 has revealed that there are 6 CLEANERS sites within the searched area.

Site	Address	Map ID	Page
PHILIPS SEMICONDUCTORS	***440 N WOLFE RD***	***26***	***270***
PHILIPS SEMICONDUCTORS	***811 E ARQUES AVE MAIL S***	***31***	***324***
SIGNETICS CORP	***740 KIFER RD***	***36***	***431***
PHILIPS SEMICONDUCTORS, INC.	***730 EVELYN***	***43***	***495***
SEABREEZE CLEANERS	470 E EL CAMINO REAL	49	576
ONE DAY CLEANERS	***417 E EL CAMINO REAL***	***49***	***582***

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, and dated 11/28/2006 has revealed that there is 1 RESPONSE site within the searched area.

Site	Address	Map ID	Page
PRECISION MEDIA CORPORATION	***1262 LAWRENCE STATION R***	***11***	***175***

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2005 has revealed that there are 70 HAZNET sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED	***10900 N TANTAU AVENUE***	***0***	***3***
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
MONOLITHIC MEMORIES INC	***1165 E ARQUES AVE***	***0***	***75***
ADVANCED MICRO DEVICES INC	***901 THOMPSON PL***	***0***	***88***
ADVANCED MICRO DEVICES INCORPO	***915 DEGUIGNE DRIVE***	***0***	***109***
COMPAQ COMPUTER CO.	632 E CARIBBEAN DR	2	144
ESL AC BALL COURSON COMPA	***141 CASPIAN***	***3***	***146***
LOCKHEED MISSLES & SPACE CO	***641 BALTIC WAY***	***4***	***148***
ESL	***1330 GENEVA DR***	***5***	***151***
ACCURAY INCORPORATED	***1310 ORLEANS DRIVE***	***6***	***153***
LOCKHEED	***1341 ORLEANS***	***6***	***154***
LOCKHEED MISSILES & SPACE CO	***1329 MOFFETT PARK DR***	***7***	***155***
HONEYWELL INTERNATIONAL	***1349 MOFFETT PARK DR***	***7***	***157***
ORBIT SEMICONDUCTOR, INC.	***1230 BORDEAUX DR***	***8***	***161***
PRECISION MEDIA	***1262 NORTH LAWRENCE STA***	***11***	***174***
H SQUARE CORP	***1033 N FAIR OAKS AVE***	***16***	***190***
ANALOG DEVICES SUNNYVALE SITE	***610 EAST WEDDELL DRIVE***	***16***	***191***
VERSATRONEX CORPORATION	***1131 N FAIROAKS AVENUE***	***16***	***203***
SPECIALTY GARBAGE & REFUS	***438 TOYAMA***	***18***	***211***
DIRECT DELIVERY SERVICE	***925 MORSE AVE***	***19***	***214***
PACE DISTRIBUTOR	***828 AHWANEE AVE W***	***20***	***219***
MOBIL (CONOCOPHILLIPS)	***801 N FAIR OAKS AVE***	***21***	***229***
DATA GENERAL CORPORATION SUNNY	***433 NORTH MATHILDA AVEN***	***22***	***232***
ZYMOS CORP	***477 N MATHILDA AVE***	***22***	***239***
JIM’S SERVICE	***920 E DUANE***	***23***	***247***
T-M MANUFACTURING COMPANY	***695 E ARQUES AVE***	***26***	***256***
NANOMETRICS INCORPORATED	***690 EAST ARQUES AVE***	***26***	***260***
T-M MANUFACTURING CO. INC.	***695 E ARQUES***	***26***	***262***
LEFCO,INC	698 E TAYLOR AVE	26	264
MULTI SWISS TECHNOLOGY	***680 EAST TAYLOR AVE***	***26***	***265***
PYRAMID PAINTING INC	***636 TAYLOR ST***	***26***	***267***
PHILIPS SEMICONDUCTORS	***440 N WOLFE RD***	***26***	***270***
FOUR D METAL FINISHING INCORPO	***620 EAST TAYLOR AVE***	***26***	***281***
SCR-FEI (TRW), 825 STEWAR	***825 STEWART***	***26***	***289***
SCR-STEWART DR. OU, SUB2	***968 STEWART***	***28***	***293***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
EUROPEAN CAR	***275 N FAIR OAKS***	***30***	***304***
AUTOMASTERS	***283 N FAIROAKS***	***30***	***305***
FIRE STATION 2	***795 E ARQUES AVE***	***31***	***313***
PHILIPS SEMICONDUCTORS	***811 E ARQUES AVE MAIL S***	***31***	***324***
HEWLETT PACKARD DATA TERMINALS	***974 E ARQUES AVE***	***32***	***353***
RIGEL INC	***772 LUCERNE DR***	***34***	***379***
RASTER GRAPHICS INCORP	***285 N WOLFE RD***	***34***	***381***
PROTO ENGINEERING	***183 COMMERCIAL ST***	***35***	***386***
RELIANCE TECHNICAL SVCS	***895 KIFER RD***	***36***	***409***
ACC U TUNE AND BRAKE S V L W	***138 N WOLFE RD***	***36***	***424***
SIGNETICS CORP	***740 KIFER RD***	***36***	***431***
ROYAL AUTO BODY & TOWING	***150 N WOLFE ROAD***	***36***	***438***
MAXIM INTEGRATED PRODUCTS	***120 SAN GABRIEL DRIVE***	***36***	***445***
RADIATION DETECTION COMPANY	***162 WOLFE RD***	***36***	***459***
PEPSI COLA COMPANY	***960 KIFER RD***	***40***	***474***
MOHAWK LABORATORIES	***932 KIFER RD***	***40***	***476***
SCR-NCH CORP & MOHAWK LAB	***932 KIFER***	***40***	***483***
PHILIPS SEMICONDUCTORS, INC.	***730 EVELYN***	***43***	***495***
AMERICAN PEPTIDE COMPANY, INC.	***777 E EVELYN AVE***	***43***	***507***
T-M MANUFACTURING CO#	***305 BRITTON AVE***	***43***	***510***
CUPERTINO ELECTRIC	***712 EVELYN AVE E***	***43***	***516***
ST JUDE MEDICAL CRMD	***705 E EVELYN AVE***	***43***	***523***
BP OIL #11232	***603 OLD SAN FRANCISCO R***	***45***	***534***
BP	***603 OLD SAN FRANCISCO R***	***45***	***536***
BP OIL #11232	***603 OLD SAN FRANCISCO R***	***45***	***539***
SUNNYVALE FORD	***650 EL CAMINO REAL***	***49***	***549***
LIEN ONE HOUR PHOTO	***605 E EL CAMINO REAL ST***	***49***	***552***
SUNNYVALE ACURA	***750 E EL CAMINO REAL***	***49***	***553***
SUNNYVALE MAZDA	***710 E EL CAMINO REAL***	***49***	***567***
ALBERTSONS NO 7103	***580 E EL CAMINO REAL***	***49***	***579***
LONGS DRUG STORE NO 70	***576 E EL CAMINO REAL***	***49***	***580***
ROYAL VOLVO AND SUBARU	***805 E EL CAMINO REAL***	***50***	***592***
SUNNYVALE CHRYSLER PLYMOU	***776 EL CAMINO REAL***	***50***	***596***
SUNNYVALE CHRYSLER/PLYMOUTH	***776 E EL CAMINO REAL***	***50***	***597***
PACIFIC GAS & ELECTRIC CORP	10900 N BLANEY AVE	55	621

Emissions Inventory Data: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2004 has revealed that there are 23 EMI sites within the searched area.

Site	Address	Map ID	Page
NATIONAL SEMICONDUCTOR CORPORA	***2900 SEMICONDUCTOR DR***	***0***	***18***
ADVANCED MICRO DEVICES INCORPO	***915 DEGUIGNE DRIVE***	***0***	***109***
LOCKHEED MISSILES & SPACE CO	***1329 MOFFETT PARK DR***	***7***	***155***
HONEYWELL INTERNATIONAL	***1349 MOFFETT PARK DR***	***7***	***157***
ORBIT SEMICONDUCTOR, INC.	***1230 BORDEAUX DR***	***8***	***161***
SOBRATO DEVELOPMENT COMPANIES	***1271 REAMWOOD AVENUE***	***10***	***168***
ANALOG DEVICES SUNNYVALE SITE	***610 EAST WEDDELL DRIVE***	***16***	***191***
VERSATRONEX CORPORATION	***1131 N FAIROAKS AVENUE***	***16***	***203***
T-M INDUSTRIES, INC	695 E ARQUES AVENUE	26	259
PHILIPS SEMICONDUCTORS	***440 N WOLFE RD***	***26***	***270***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
PHILIPS SEMICONDUCTORS	***811 E ARQUES AVE MAIL S***	***31***	***324***
PROTO ENGINEERING	***183 COMMERCIAL ST***	***35***	***386***
SUNNYVALE CORPORATION YARD	***221 COMMERCIAL ST***	***35***	***398***
ROYAL AUTO BODY & TOWING	***150 N WOLFE ROAD***	***36***	***438***
162 SAN LAZARO AVENUE	***162 SAN LAZARO AVENUE***	***36***	***457***
MOHAWK LABORATORIES	***932 KIFER RD***	***40***	***476***
ST JUDE MEDICAL CRM DIVISION	705 E EVELYN AVENUE	43	525
VENTRITEX	701 E EVELYN AVENUE	43	525
EXXON SERVICE STATION #7-0282	***604 E EL CAMINO REAL***	***49***	***558***
CHEVRON #9-7007	***605 E EL CAMINO REAL***	***49***	***561***
ONE DAY CLEANERS	***417 E EL CAMINO REAL***	***49***	***582***
SUNNYVALE CHRYSLER/PLYMOUTH	***776 E EL CAMINO REAL***	***50***	***597***
PG&E CUPERTINO SERVICE CENTER	10900 N BLANEY AVENUE	55	615

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 11/28/2006 has revealed that there are 31 ENVIROSTOR sites within the searched area.

Site	Address	Map ID	Page
INTERSIL INCORPORATED Facility Status: Refer: RWQCB	***10900 N TANTAU AVENUE***	***0***	***3***
NATIONAL SEMICONDUCTOR CORPORA Facility Status: Refer: RWQCB	***2900 SEMICONDUCTOR DR***	***0***	***18***
ADVANCED MICRO DEVICES INCORPO Facility Status: Refer: RWQCB	***915 DEGUIGNE DRIVE***	***0***	***109***
SOUTH BAY ASBESTOS AREA Facility Status: Active	***FT OF LIBERTY ST GUADAL***	***0***	***128***
ESL AC BALL COURSON COMPA Facility Status: Refer: RCRA	***141 CASPIAN***	***3***	***146***
ORBIT SEMICONDUCTOR, INC. Facility Status: Inactive - Needs Evaluation	***1230 BORDEAUX DR***	***8***	***161***
SOBRATO DEVELOPMENT COMPANIES Facility Status: Refer: RWQCB	***1271 REAMWOOD AVENUE***	***10***	***168***
CALIFORNIA CIRCUIT ENGRNG INC Facility Status: Refer: RWQCB	***1292 REAMWOOD AVE***	***10***	***170***
PRECISION MEDIA CORPORATION Facility Status: Certified / Operation & Maintenance	***1262 LAWRENCE STATION R***	***11***	***175***
METARAMICS, INC Facility Status: No Further Action	1107 NORTH FAIROAKS AVE	16	200

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
DATA GENERAL CORPORATION SUNNY Facility Status: Refer: RWQCB	***433 NORTH MATHILDA AVEN***	***22***	***232***
SCR-FEI (TRW), 825 STEWAR Facility Status: Refer: RWQCB	***825 STEWART***	***26***	***289***
SCR-STEWART DR. OU, SUB2 Facility Status: Refer: RWQCB	***968 STEWART***	***28***	***293***
ADVANCED MICRO DEVICES, INC. Facility Status: Refer: RWQCB	***901 THOMPSON PLAZA, BLD***	***29***	***298***
SIGNETICS CORPORATION Facility Status: Refer: RWQCB	***811 E ARQUES AVE***	***31***	***320***
UNITED TECHNOLOGIES CORP CHEM Facility Status: Refer: Other Agency	***1050 E ARQUES AVE***	***32***	***346***
ARQUES CORP Facility Status: Refer: RWQCB	***999 EAST ARQUES AVE***	***32***	***350***
HEWLETT PACKARD (DATA TERMINAL Facility Status: Refer: RCRA	***974 EAST ARQUES AVENUE***	***32***	***370***
MONOLITHIC MEMORIES Facility Status: Refer: RWQCB	***1165 E ARQUES AVE***	***33***	***376***
PROTO ENGINEERING Facility Status: Refer: RWQCB	***183 COMMERCIAL ST***	***35***	***386***
SUNNYVALE CORPORATION YARD Facility Status: Inactive - Needs Evaluation	***221 COMMERCIAL ST***	***35***	***398***
WESTERN PRECISION INC Facility Status: Refer: RWQCB	***230 COMMERCIAL ST***	***35***	***403***
BARNES-HIND PHARMACEUTICALS Facility Status: Refer: RWQCB	895 KIFER ROAD	36	416
P B H INC Facility Status: Refer: RWQCB	***810 KIFER RD***	***36***	***420***
ROYAL AUTO BODY & TOWING Facility Status: Refer: Other Agency	***150 N WOLFE ROAD***	***36***	***438***
SAN LAZARO AREA PLUME Facility Status: Refer: RWQCB	BORDERED BY SAN LAZARO	36	461
ICORE INTERNATIONAL Facility Status: Refer: RWQCB	***180 N WOLFE RD***	***36***	***462***
WESTINGHOUSE ELECTRIC (SU Facility Status: Refer: EPA	***HENDY AVE / FAIROAKS***	***38***	***469***
SUNNYVALE Facility Status: Inactive - Needs Evaluation	***211 W IOWA AVE***	***42***	***494***
STEWART WARNER MICROCIRCUITS Facility Status: Refer: RWQCB	730 EAST EVELYN AVE.	43	514
CUPERTINO VILLAGE CLEANERS Facility Status: Inactive - Action Required	***10989 NORTH WOLFE ROAD***	***56***	***629***

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

FEDERAL RECORDS

Database	Total Plotted
NPL	8
Proposed NPL	0
Delisted NPL	0
NPL RECOVERY	0
CERCLIS	16
CERC-NFRAP	22
CORRACTS	9
RCRA TSD	9
RCRA Lg. Quan. Gen.	24
RCRA Sm. Quan. Gen.	77
ERNS	2
HMIRS	0
US ENG CONTROLS	9
US INST CONTROL	4
DOD	0
FUDS	0
US BROWNFIELDS	0
CONSENT	0
ROD	9
UMTRA	0
ODI	0
TRIS	3
TSCA	0
FTTS	0
SSTS	1
ICIS	0
RADINFO	0
CDL	0
LUCIS	0
PADS	1
MLTS	0
MINES	0
FINDS	87
RAATS	0

STATE AND LOCAL RECORDS

Database	Total Plotted
Hist Cal-Sites	9
CA Bond Exp. Plan	6
SCH	0
Toxic Pits	0
State Landfill	0
CA WDS	12
WMUDS/SWAT	0
Cortese	55
SWRCY	0
LUST	112
CA FID UST	18

MAP FINDINGS SUMMARY

Database	Total Plotted
SLIC	34
HIST LUST	42
UST	8
HIST UST	38
AST	1
SAN JOSE HAZMAT	0
SWEEPS UST	21
CHMIRS	2
Notify 65	2
DEED	2
VCP	1
DRYCLEANERS	6
WIP	0
CDL	0
RESPONSE	1
HAZNET	70
EMI	23
ENVIROSTOR	31

TRIBAL RECORDS

INDIAN RESERV	0
INDIAN LUST	0
INDIAN UST	0

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	0

NOTES:

Sites may be listed in more than one database

NPL Region	**INTERSIL INCORPORATED 10900 N TANTAU AVENUE CUPERTINO, CA 95014**	**CERCLIS RCRA-SQG FINDS HAZNET LUST NPL SLIC ROD US ENG CONTROLS CA WDS ENVIROSTOR HIST Cal-Sites**	**1000218337 CAD041472341**

CERCLIS:

Site ID:	0901325
Federal Facility:	Not a Federal Facility
NPL Status:	Currently on the Final NPL
Non NPL Status:	Not reported

CERCLIS Site Contact Name(s):

Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jeff Inglis
Contact Tel:	(415) 972-3095
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Penelope McDaniel
Contact Tel:	(415) 972-3178
Contact Title:	Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):

Alias Name:	INTERSIL/SIEMENS
Alias Address:	Not reported CA
Alias Name:	INTERSIL INC./SIEMENS COMPONENTS
Alias Address:	10910 N TANTAU AVE CUPERTINO, CA 95014
Alias Name:	INTERSIL INC./SIEMENS COMPONENTS
Alias Address:	10900 N TANTAU AVE/19000 HOMESTEAD RD CUPERTINO, CA 95014

Site Description: SITE CONSISTS OF TWO FORMER ELECTRONIC MFG FACILITIES, COVERS 15 ACRES BY RESIDENTIAL AND INDUSTRIAL AREAS. ONSITE SOILS AND GROUNDWATER ON AND OFF SITE ARE CONTAMINATED WITH ORGANIC   SOLVENTS, INCLUDING TCE, TCA, I, I-DCE & FREON.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	05/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	03/01/1987
Priority Level:	High
Action:	HAZARD RANKING SYSTEM PACKAGE

INTERSIL INCORPORATED (Continued) **1000218337**

Date Started:	Not reported
Date Completed:	06/01/1987
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	06/01/1987
Priority Level:	High
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	06/24/1988
Priority Level:	Not reported
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	03/15/1989
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	08/07/1989
Date Completed:	08/07/1989
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	08/14/1990
Date Completed:	08/14/1990
Priority Level:	Not reported
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	08/15/1990
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	08/30/1990
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	03/16/1989
Date Completed:	09/27/1990
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	09/27/1990
Date Completed:	09/27/1990
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	09/27/1990
Priority Level:	Final Remedy Selected at Site
Action:	OPERATIONS AND MAINTENANCE
Date Started:	09/27/1990
Date Completed:	Not reported

INTERSIL INCORPORATED (Continued) **1000218337**

Priority Level:	Not reported
Action:	ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started:	Not reported
Date Completed:	05/09/1992
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	09/27/1990
Date Completed:	09/08/1992
Priority Level:	Not reported
Action:	PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started:	Not reported
Date Completed:	09/08/1992
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	Not reported
Date Completed:	12/29/1992
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	09/10/1993
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	09/10/1993
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	Not reported
Date Completed:	09/28/1995
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/28/1995
Priority Level:	Not reported
Action:	PREPARATION OF COST DOCUMENT PACKAGE
Date Started:	02/01/1995
Date Completed:	03/05/1996
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	08/01/2000
Date Completed:	09/28/2000
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/28/2000
Priority Level:	Not reported

INTERSIL INCORPORATED (Continued) **1000218337**

Action:	FIVE-YEAR REVIEW
Date Started:	Not reported
Date Completed:	09/29/2005
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/29/2005
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	Not reported
Priority Level:	Not reported

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD041472341
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

INTERSIL INCORPORATED (Continued) **1000218337**

Gepaid:	CAD041472341
Contact:	HARRIS SMICONDUCTOR
Telephone:	4077295377
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	3910 RCA BLVD STE 1011
Mailing City,St,Zip:	PALM BEACH GARDENS, FL 334100000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Laboratory waste chemicals
Disposal Method:	Disposal, Other
Tons:	.2250
Facility County:	Santa Clara

Gepaid:	CAC001245344
Contact:	INTERSIL INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	275 BATTERY ST #2140
Mailing City,St,Zip:	SAN FRANCISCO, CA 941110000
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Other
Tons:	.8000
Facility County:	Santa Clara

Gepaid:	CAC001258224
Contact:	INTERSIL
Telephone:	4077295377
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	10900 N TANTAU AVE
Mailing City,St,Zip:	CUPERTINO, CA 950140000
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	12.0972
Facility County:	Santa Clara

Gepaid:	CAC001258224
Contact:	INTERSIL
Telephone:	4077295377
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	10900 N TANTAU AVE
Mailing City,St,Zip:	CUPERTINO, CA 950140000
Gen County:	Santa Clara
TSD EPA ID:	CAL000027741
TSD County:	5
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill

INTERSIL INCORPORATED (Continued) **1000218337**

Tons: 48.8824
Facility County: Santa Clara

Gepaid: CAC001258224
Contact: INTERSIL
Telephone: 4077295377
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10900 N TANTAU AVE
Mailing City,St,Zip: CUPERTINO, CA 950140000
Gen County: Santa Clara
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Polychlorinated biphenyls and material containing PCB’s
Disposal Method: Not reported
Tons: 4.7661
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

LUST:
Region: STATE
Case Type: Not reported
Cross Street: E. Homestead Road
Enf Type: WDR
Funding: COSTRE
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL720641214
Stop Date: Not reported
Confirm Leak: 1982-01-01 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: 1990-08-15 00:00:00
Remed Action: 1991-01-01 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remedial action (cleanup) Underway
Chemical: 34506, 34501
Contact Person: Not reported

INTERSIL INCORPORATED (Continued) **1000218337**

Responsible Party: LANCE HAUER
RP Address: 640 FREEDOM BUSINESS CENTER
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: RWP
Staff Initials: TM
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 7206400
Case Number: 43S0064
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Associated with Siemens. AMI site close by.

NPL:
EPA ID: CAD041472341
EPA Region: 09
Federal: General
Final Date: 08/30/1990

Category Details:
Site ID: Not reported
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 100 Feet
Category Value: 130 FTBGS

Site ID: Not reported
NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 1300

Site Details:
Site Name: INTERSIL INC./SIEMENS COMPONENTS
Site Status: Final
Status Date: 8/30/1990
Site City: CUPERTINO
Site State: CA
Federal Site: Not a Federal Facility
HRS Score: 28.90
GW Score: 50.00
SW Score: Not reported

INTERSIL INCORPORATED (Continued) **1000218337**

Air Score:	Not reported
Soil Score:	Not reported
DC Score:	Not reported
FE Score:	Not reported
Site Name:	INTERSIL INC./SIEMENS COMPONENTS
Site Status:	Final
Status Date:	8/30/1990
Site City:	CUPERTINO
Site State:	CA
Federal Site:	Not a Federal Facility
HRS Score:	37.79
GW Score:	65.38
SW Score:	Not reported
Air Score:	Not reported
Soil Score:	Not reported
DC Score:	Not reported
FE Score:	Not reported

Substance Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	C069
Substance:	ISOPROPANOL
CAS #:	67-63-0
Pathway:	NO PATHWAY INDICATED
Scoring:	1
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	C290
Substance:	BUTYL ACETATE
CAS #:	123-86-4
Pathway:	NO PATHWAY INDICATED
Scoring:	1
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	C401
Substance:	TRICHLOROBENZENE
CAS #:	12002-48-1
Pathway:	NO PATHWAY INDICATED
Scoring:	1
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U078
Substance:	DICHLOROETHENE, 1,1-
CAS #:	75-35-4

INTERSIL INCORPORATED (Continued) **1000218337**

Pathway: NO PATHWAY INDICATED
Scoring: 1

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U121
Substance: TRICHLOROFLUOROMETHANE
CAS #: 75-69-4
Pathway: NO PATHWAY INDICATED
Scoring: 1

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U154
Substance: METHANOL
CAS #: 67-56-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: NO PATHWAY INDICATED
Scoring: 1

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U220
Substance: TOLUENE
CAS #: 108-88-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U226
Substance: TRICHLOROETHANE, 1,1,1-
CAS #: 71-55-6
Pathway: GROUND WATER PATHWAY
Scoring: 3

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U239
Substance: XYLENE
CAS #: 1330-20-7
Pathway: NO PATHWAY INDICATED

INTERSIL INCORPORATED (Continued) **1000218337**

Scoring: 1

Summary Details:

Conditions at proposal June 24, 1988): Intersil, Inc., and Siemens Components have manufactured semiconductors for several years on two locations near one another covering 15 acres in Cupertino, Santa Clara County, California. The facilitie
s are surrounded by residential, industrial, and business areas. Investigations conducted in 1982 as part of the California Regional Water Quality Control Board s underground tank leak detection program found organic solvents, including t
richloroethylene, 1,1,1-trichloroethane, tetrachloroethylene, trichlorofluoroethane, and 1,1-dichloroethylene, in soils on the site and in ground water on and off the site. Contamination is believed to have resulted from locali ed spills and f
rom leaking underground storage tanks, piping, and other equipment involving the two companies. More than 300,000 people obtain drinking water from public wells within 3 miles of the site. Siemens and Intersil began remedial investigation
s at the site in 1982 and 1983, respectively, under State supervision. The underground storage tanks were removed, and in 1983 a system was installed to extract gases from soil; the system was expanded in 1985. In June 1986, the Californ
ia Regional Water Quality Control Board issued Waste Discharge Requirements under the California Water Code requiring both companies to determine the extent of contamination in ground water and soils. In July 1986, a system was installed
to pump contaminated ground water in the uppermost aquifer to the surface and treat it. Since April 1988, a pump and treat system for the two uppermost aquifers has been in full-scale operation. Intersil stopped operations in 1988, and all re
maining underground equipment was removed. Status August 30, 1990): In February 1990, the two companies released draft reports of remedial investigations/feasibility studies for the site and off-site downgradient areas. Interim off-sit
e remedial activities are scheduled to begin in June 1990. Also in June 1990, the State plans to issue tentative site cleanup requirements and hear public comments on the proposed remedial action plan.

Site Status Details:

NPL Status:	Final
Proposed Date:	06/24/1988
Final Date:	08/30/1990
Deleted Date:	Not reported

Narratives Details:

NPL Name:	INTERSIL INC./SIEMENS COMPONENTS
City:	CUPERTINO
State:	CA

SLIC:

Region:	STATE
Global Id:	SL720641214
Assigned Name:	SLICSITE
Lead Agency Contact:	ROGER PAPLER
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)

INTERSIL INCORPORATED (Continued) **1000218337**

Lead Agency Case Number: 43S0064
Responsible Party: LANCE HAUER
Recent Dtw: Not reported
Substance Released: 34506, 34501, 32106, A-017, 34475, 39180
Facility Status: Remedial Action Underway

SLIC:
Region: 2
Facility ID: 43S0064
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

US ENG CONTROLS:
EPA ID: CAD041472341
Site ID: 0901325
Name: INTERSIL INC./SIEMENS COMPONENTS
Address: 10900 N TANTAU AVE/19000 HOMESTEAD RD
CUPERTINO, CA 95014
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD041472341
Site ID: 0901325
Name: INTERSIL INC./SIEMENS COMPONENTS
Address: 10900 N TANTAU AVE/19000 HOMESTEAD RD
CUPERTINO, CA 95014
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD041472341
Site ID: 0901325
Name: INTERSIL INC./SIEMENS COMPONENTS
Address: 10900 N TANTAU AVE/19000 HOMESTEAD RD
CUPERTINO, CA 95014
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

INTERSIL INCORPORATED (Continued) **1000218337**

EPA ID:	CAD041472341
Site ID:	0901325
Name:	INTERSIL INC./SIEMENS COMPONENTS
Address:	10900 N TANTAU AVE/19000 HOMESTEAD RD CUPERTINO, CA 95014
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472341
Site ID:	0901325
Name:	INTERSIL INC./SIEMENS COMPONENTS
Address:	10900 N TANTAU AVE/19000 HOMESTEAD RD CUPERTINO, CA 95014
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472341
Site ID:	0901325
Name:	INTERSIL INC./SIEMENS COMPONENTS
Address:	10900 N TANTAU AVE/19000 HOMESTEAD RD CUPERTINO, CA 95014
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472341
Site ID:	0901325
Name:	INTERSIL INC./SIEMENS COMPONENTS
Address:	10900 N TANTAU AVE/19000 HOMESTEAD RD CUPERTINO, CA 95014
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472341
Site ID:	0901325
Name:	INTERSIL INC./SIEMENS COMPONENTS
Address:	10900 N TANTAU AVE/19000 HOMESTEAD RD CUPERTINO, CA 95014
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472341
Site ID:	0901325
Name:	INTERSIL INC./SIEMENS COMPONENTS
Address:	10900 N TANTAU AVE/19000 HOMESTEAD RD CUPERTINO, CA 95014
EPA Region:	09
County:	SANTA CLARA

INTERSIL INCORPORATED (Continued) **1000218337**

Event Code:	Not reported
Actual Date:	Not reported
EPA ID:	CAD041472341
Site ID:	0901325
Name:	INTERSIL INC./SIEMENS COMPONENTS
Address:	10900 N TANTAU AVE/19000 HOMESTEAD RD CUPERTINO, CA 95014
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	09/27/1990
Planned Complet. date:	09/30/1990
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Air Stripping

CA WDS:

Facility ID:	San Francisco Bay 438181002
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG912003 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	6109927885
Facility Contact:	LISA HAMILTON
Agency Name:	GENERAL ELECTRIC COMPANY
Agency Address:	640 FREEDON BUSINESS CTR
Agency City,St,Zip:	KING OF PRUSSIA 19406
Agency Contact:	LISA HAMILTON
Agency Telephone:	6109927885
Agency Type:	Private
SIC Code:	3674
SIC Code 2:	Not reported
Primary Waste:	Contaminated Ground Water
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0.0864
Baseline Flow:	0.0864
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply.

INTERSIL INCORPORATED (Continued) **1000218337**

Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

ENVIROSTOR:
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: YES
Regulatory Agencies: US EPA
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360032
Site Code: Not reported
Assembly: 22
Senate: 11
Special Program: Not reported
Status: **Refer: RWQCB**
Status Date: 1989-01-30 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.3369444444444
Longitude: -122.005555555556
Alias Name: P23080
CAD041472341
INTERSIL INC / SIEMENS COMPONENTS
INTERSIL/SIEMENS
43360032
Alias Type: PCode
EPA Identification Number
Alternate Name
Alternate Name
Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Facility Identified: Hazardous Waste/Border Zone Property List.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1981-08-11 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potenital Description: Not reported

INTERSIL INCORPORATED (Continued) **1000218337**

Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

HISTORICAL CAL-SITES:

Facility ID:	43360032
Region:	2
Region Name:	BERKELEY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	01301989
Status:	REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Name:	PROPERTY/SITE REFERRED TO RWQCB
Lead Agency:	EPA
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
Facility Type:	NPRP
Type Name:	NPL SITE, RP-FUNDED
NPL:	Listed
SIC Code:	36
SIC Name:	MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	Not reported
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	22
State Senate District Code:	11

Click this hyperlink while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

NPL **Region**	**NATIONAL SEMICONDUCTOR CORPORATION** **2900 SEMICONDUCTOR DR** **SANTA CLARA, CA 95051**	**CERCLIS** **FINDS** **HAZNET** **CHMIRS** **NPL** **Cortese** **RCRA-LQG** **UST** **ROD** **HIST UST** **EMI** **US ENG CONTROLS** **US INST CONTROL** **CA WDS** **ENVIROSTOR** **HIST Cal-Sites** **NY MANIFEST**	**1000260559** **CAD041472986**

CERCLIS:
Site ID: 0901326
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

Contact Name: Penelope McDaniel
Contact Tel: (415) 972-3178
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):
Alias Name: NATIONAL SEMICONDUCTOR CORP
Alias Address: Not reported
Not reported
Alias Name: NATIONAL SEMICONDUCTOR CORP.
Alias Address: 2900 SEMICONDUCTOR AVE
SANTA CLARA, CA 95050
Site Description: NATL SEMICONDUCTOR MFG’S ELECTRONIC EQUIPT AT A PLT IN SANTA CLARA,CA.FACIL OCCUPIES 50 ACRES SURROUNDED BY RESID/ INDUS/BUSINESS AREAS.MONITORING WELLS ON-SITE CONTAMINATED WITH SOLVENTS FR LEAKING UNDGRD TANKS.300,000 USE GRD WTR.

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1980
Priority Level: Not reported

Action: INITIAL REMEDIAL MEASURE
Date Started: 02/01/1982
Date Completed: Not reported
Priority Level: Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	07/01/1984
Priority Level:	High
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	08/01/1984
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	08/01/1984
Priority Level:	High
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	10/15/1984
Priority Level:	Not reported
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	Not reported
Date Completed:	09/30/1985
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	07/22/1987
Priority Level:	Not reported
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	04/19/1989
Priority Level:	Not reported
Action:	RISK/HEALTH ASSESSMENT
Date Started:	Not reported
Date Completed:	07/03/1990
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	07/16/1990
Date Completed:	07/16/1990
Priority Level:	Not reported
Action:	ADMINISTRATIVE RECORDS
Date Started:	09/11/1991
Date Completed:	09/11/1991
Priority Level:	Admin Record Compiled for a Remedial Event
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	09/11/1991
Priority Level:	Final Remedy Selected at Site
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	04/19/1989

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Date Completed:	09/11/1991
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	09/11/1991
Date Completed:	09/11/1991
Priority Level:	Not reported
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	09/18/1991
Priority Level:	Not reported
Action:	ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started:	Not reported
Date Completed:	04/13/1992
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	Not reported
Date Completed:	12/14/1992
Priority Level:	Not reported
Action:	PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started:	Not reported
Date Completed:	10/16/1997
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	09/11/1991
Date Completed:	03/04/1999
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	03/04/1999
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	07/10/2003
Date Completed:	09/30/2003
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/30/2003
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	Not reported
Priority Level:	Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

California - Hazardous Waste Tracking System - Datamart

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA’s programs. The vision for ICIS is to replace EPA’s independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid:	CAD041472986
Contact:	NATIONAL SEMICONDUCTOR CORP
Telephone:	4087216763
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2900 SEMICONDUCTOR DR M/S W-105
Mailing City,St,Zip:	SANTA CLARA, CA 950520000

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Gen County: Santa Clara
TSD EPA ID: AZD009015389
TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Tons: .1575
Facility County: Santa Clara

Gepaid: CAD041472986
Contact: NATIONAL SEMICONDUCTOR CORP
Telephone: 4087216763
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2900 SEMICONDUCTOR DR M/S W-105
Mailing City,St,Zip: SANTA CLARA, CA 950520000
Gen County: Santa Clara
TSD EPA ID: AZD009015389
TSD County: 99
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Disposal, Other
Tons: .6880
Facility County: Santa Clara

Gepaid: CAD041472986
Contact: NATIONAL SEMICONDUCTOR CORP
Telephone: 4087216763
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2900 SEMICONDUCTOR DR M/S W-105
Mailing City,St,Zip: SANTA CLARA, CA 950520000
Gen County: Santa Clara
TSD EPA ID: AZD009015389
TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .4375
Facility County: Santa Clara

Gepaid: CAD041472986
Contact: NATIONAL SEMICONDUCTOR CORP
Telephone: 4087216763
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2900 SEMICONDUCTOR DR M/S W-105
Mailing City,St,Zip: SANTA CLARA, CA 950520000
Gen County: Santa Clara
TSD EPA ID: AZD980735500
TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: 7.5852
Facility County: Santa Clara

Gepaid: CAD041472986
Contact: NATIONAL SEMICONDUCTOR CORP
Telephone: 4087216763
Facility Addr2: Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Mailing Name: Not reported
Mailing Address: 2900 SEMICONDUCTOR DR M/S W-105
Mailing City,St,Zip: SANTA CLARA, CA 950520000
Gen County: Santa Clara
TSD EPA ID: AZD980735500
TSD County: 99
Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Not reported
Tons: 15.1704
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
538 additional CA_HAZNET: record(s) in the EDR Site Report.

CHMIRS:
OES Incident Number: 8908623
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 25-OCT-89
Date Completed: 25-OCT-89
Property Use: 700
Agency Id Number: 43090
Agency Incident Number: 895582
Time Notified: 1546
Time Completed: 1620
Surrounding Area: 700
Estimated Temperature: 70
Property Management: P
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: LARRY MONETE (15C2)
Report Date: 30-OCT-89
Comments: Not reported
Facility Telephone: 408 984-3084
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	22-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

OES Incident Number:	8907957
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	19-SEP-89
Date Completed:	**19-SEP-89**
Property Use:	700
Agency Id Number:	43090
Agency Incident Number:	894661
Time Notified:	1246
Time Completed:	1514
Surrounding Area:	700
Estimated Temperature:	Not reported
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	1
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	DAVID R PARKER 15C-1
Report Date:	18-SEP-89
Comments:	Not reported
Facility Telephone:	408 984-3084
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	18-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

OES Incident Number:	8906219
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Incident Date: 17-MAY-89
Date Completed: 17-MAY-89
Property Use: 700
Agency Id Number: 43090
Agency Incident Number: 892436
Time Notified: 855
Time Completed: 945
Surrounding Area: 700
Estimated Temperature: 68
Property Management: P
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 1
Others Number Of Injuries: 3
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: LARRY MONETTE (15C3)
Report Date: 18-MAY-89
Comments: Not reported
Facility Telephone: 408 984-3084
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: Not reported
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 11-MAY-90
Substance: Not reported
Quantity Released: Not reported
BBLS: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

OES Incident Number:	8910120
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	14-FEB-89
Date Completed:	**14-FEB-89**
Property Use:	700
Agency Id Number:	43090
Agency Incident Number:	890810
Time Notified:	1033
Time Completed:	1104
Surrounding Area:	700
Estimated Temperature:	Not reported
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	DAVID R PARKER/15C-1
Report Date:	07-MAR-89
Comments:	Not reported
Facility Telephone:	408 984-3084
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	03-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

OES Incident Number:	97-3254
OES notification:	8/21/199703:21:03 AM
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 1997
Agency: National Semi Conductor
Incident Date: 8/21/199712:00:00 AM
Admin Agency: Santa Clara County Health Department
Amount: Not reported
Contained: Yes
Site Type: Industrial Plant
E Date: Not reported
Substance: Corrosive waste
Quantity Released: Not reported
BBLS: 0
Cups: 0
CUFT: 0
Gallons: 6000
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0
Description: An acid pump malfunctioned causing release into sanitary sewer.
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

OES Incident Number: 8910115
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 13-FEB-89
Date Completed: **13-FEB-89**
Property Use: 700

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Agency Id Number:	43090
Agency Incident Number:	890792
Time Notified:	1310
Time Completed:	1323
Surrounding Area:	700
Estimated Temperature:	Not reported
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	DAVID R. PARKER/15C-1
Report Date:	07-MAR-89
Comments:	Not reported
Facility Telephone:	408 984-3084
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	03-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

OES Incident Number:	8910178
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	05-MAR-89
Date Completed:	**05-MAR-89**
Property Use:	700
Agency Id Number:	43090
Agency Incident Number:	891140
Time Notified:	1444
Time Completed:	1504
Surrounding Area:	700
Estimated Temperature:	Not reported
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	DAVID R PARKER 15C-1
Report Date:	10-MAR-89
Comments:	Not reported
Facility Telephone:	408 984-3084
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: Not reported
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 04-MAY-90
Substance: Not reported
Quantity Released: Not reported
BBLS: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported
Liters: Not reported
Ounces: Not reported
Pints: Not reported
Quarts: Not reported
Sheen: Not reported
Tons: Not reported
Unknown: Not reported
Description: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported

OES Incident Number: 8904326
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 04-JAN-89
Date Completed: 04-JAN-89
Property Use: 700
Agency Id Number: 43090
Agency Incident Number: 890071
Time Notified: 955
Time Completed: 1052
Surrounding Area: 700
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	ROBERT J CAMPBELL
Report Date:	04-JAN-89
Comments:	Not reported
Facility Telephone:	408 984-3084
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	01-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

OES Incident Number:	8910787
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	09-OCT-89
Date Completed:	**09-OCT-89**
Property Use:	700
Agency Id Number:	43090
Agency Incident Number:	895011
Time Notified:	2151

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Time Completed:	2209
Surrounding Area:	700
Estimated Temperature:	P
Property Management:	N
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	DAVID R PARKER/15C-1
Report Date:	27-OCT-89
Comments:	Not reported
Facility Telephone:	408 984-3084
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	21-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Sheen: Not reported
Tons: Not reported
Unknown: Not reported
Description: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported

OES Incident Number: 8910825
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 20-OCT-89
Date Completed: 20-OCT-89
Property Use: 700
Agency Id Number: 43090
Agency Incident Number: 895416
Time Notified: 318
Time Completed: 344
Surrounding Area: 700
Estimated Temperature: Not reported
Property Management: P
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: DAVID R PARKER/15C-1
Report Date: 27-OCT-89
Comments: Not reported
Facility Telephone: 408 984-3084
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	22-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

OES Incident Number:	8910831
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	22-OCT-89
Date Completed:	**22-OCT-89**
Property Use:	700
Agency Id Number:	43090
Agency Incident Number:	859491
Time Notified:	1428
Time Completed:	1440
Surrounding Area:	700
Estimated Temperature:	Not reported
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: DAVID R PARKER/15C-1
Report Date: 27-OCT-89
Comments: Not reported
Facility Telephone: 408 984-3084
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: Not reported
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 22-MAY-90
Substance: Not reported
Quantity Released: Not reported
BBLS: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported
Liters: Not reported
Ounces: Not reported
Pints: Not reported
Quarts: Not reported
Sheen: Not reported
Tons: Not reported
Unknown: Not reported
Description: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported

OES Incident Number: 9991149
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 09-MAR-88
Date Completed: 09-MAR-88
Property Use: 700
Agency Id Number: 43090
Agency Incident Number: 881194
Time Notified: 1712
Time Completed: 1913
Surrounding Area: 700
Estimated Temperature: Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Property Management: P
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: DAVID R. PARKER / 15C-1
Report Date: 30-MAY-88
Comments: N
Facility Telephone: 408 984-3084
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: Not reported
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 14-FEB-89
Substance: Not reported
Quantity Released: Not reported
BBLS: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported
Liters: Not reported
Ounces: Not reported
Pints: Not reported
Quarts: Not reported
Sheen: Not reported
Tons: Not reported
Unknown: Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

NPL:

EPA ID:	CAD041472986
EPA Region:	09
Federal:	General
Final Date:	07/22/1987

Category Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 100 Feet
Category Value:	300
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

Site Details:

Site Name:	NATIONAL SEMICONDUCTOR CORP.
Site Status:	Final
Status Date:	7/22/1987
Site City:	SANTA CLARA
Site State:	CA
Federal Site:	Not a Federal Facility
HRS Score:	35.57
GW Score:	61.54
SW Score:	Not reported
Air Score:	Not reported
Soil Score:	Not reported
DC Score:	Not reported
FE Score:	Not reported

Substance Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U043
Substance:	VINYL CHLORIDE
CAS #:	75-01-4
Pathway:	GROUND WATER PATHWAY
Scoring:	2
Site ID:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

NPL Status:	Currently on the Final NPL
Substance ID:	U078
Substance:	DICHLOROETHENE, 1,1-
CAS #:	75-35-4
Pathway:	GROUND WATER PATHWAY
Scoring:	4

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U228
Substance:	TRICHLOROETHYLENE (TCE)
CAS #:	79-01-6
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Summary Details:

Conditions at proposal October 15, 1984): National Semiconductor Corp. manufactures electronic equipment at a plant in Santa Clara, Santa Clara County, California. The facility occupies about 50 acres and is surrounded by residential, industrial, and business areas. Monitoring wells on the site are contaminated with vinyl chloride, trichloroethylene, and 1,1-dichloroethylene, according to analyses conducted by a consultant to National Semiconductor Corp. Contamination is believed to have resulted from leaking underground storage tanks. The same contaminants have been detected in monitoring wells off the facility. About 300,000 people depend on wells within 3 miles of the site as a source of drinking water.
National Semiconductor has taken the leaking tanks out of service and is working with the California Regional Water Quality Control Board CRWQCB) to determine the extent of ground water contamination. This is one of 19 sites in the South Bay Area of San Francisco. Facilities at these sites have used a variety of toxic chemicals, primarily chlorinated organic solvents, which contaminate a common ground water basin. Although these sites are listed separately, EPA intends to apply an area-wide approach to the problem as well as take specific action as necessary. Status February 1986): Under the direction of CRWQCB, the company has commenced a program of pumping and treating ground water to contain the plume while the remedial investigation is underway. CRWQCB, in conjunction with EPA and the California Department of Health Services, is overseeing the various response actions. EPA believes that it may be possible to clean up this site under Subtitle C of the Resource Conservation and Recovery Act RCRA). This site remains in proposed status until EPA implements the appropriate elements of its final policy for placing RCRA-related sites on the NPL and then applies the policy to this site.Status July 22, 1987): Subsequent investigation revealed that this site is not subject to the Subtitle C permitting requirements of RCRA. Its score on the Ha ard Ranking System, which EPA uses to evaluate sites for the NPL, is above the cutoff point of 28.50, and EPA received no information that prevents placing the site on the NPL. Therefore, it is being placed on the NPL.

Site Status Details:

NPL Status: Final

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Proposed Date: 10/15/1984
Final Date: 07/22/1987
Deleted Date: Not reported

Narratives Details:
NPL Name: NATIONAL SEMICONDUCTOR CORP.
City: SANTA CLARA
State: CA

Cortese:
Region: CORTESE
Facility Addr2: Not reported

RCRAInfo:
Owner: NAME NOT REPORTED
(415) 555-1212
EPA ID: CAD041472986

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	3649.00	D002	2268.00
D003	59.00	D006	64.00
D008	2537.00	D009	1232.00
D011	1433.00	D027	12950.00
D029	12950.00	D035	1433.00
F001	12950.00	F002	12950.00
F003	14934.00		

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 09/29/2005
Actual Date Achieved Compliance: 09/30/2005

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/23/1993
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/29/2005
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 03/15/1995
Actual Date Achieved Compliance: 06/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/15/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Date Violation Determined: 01/27/1994
Actual Date Achieved Compliance: 03/01/1994

Regulation Violated: Not reported
Area of Violation: TSD-TANKS REQUIREMENTS
Date Violation Determined: 09/23/1993
Actual Date Achieved Compliance: 06/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/23/1993
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/29/2005
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 09/23/1993
Actual Date Achieved Compliance: 06/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/23/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 09/23/1993
Actual Date Achieved Compliance: 06/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/23/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CONTINGENCY PLAN REQUREMENTS
Date Violation Determined: 09/23/1993
Actual Date Achieved Compliance: 06/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/23/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 09/23/1993
Actual Date Achieved Compliance: 03/11/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/23/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 09/23/1993
Actual Date Achieved Compliance: 06/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/23/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 09/23/1993

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Actual Date Achieved Compliance: 06/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/23/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 09/23/1993
Actual Date Achieved Compliance: 06/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/23/1993
Penalty Type: Not reported

There are 11 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20050930
Compliance Evaluation Inspection	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19950616
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19940301
Compliance Evaluation Inspection	TSD-TANKS REQUIREMENTS	19950616
	TSD-GENERAL STANDARDS	19950616
	GENERATOR-OTHER REQUIREMENTS	19950616
	TSD-CONTINGENCY PLAN REQUREMENTS	19950616
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19940311
	GENERATOR-LAND BAN REQUIREMENTS	19950616
	GENERATOR-MANIFEST REQUIREMENTS	19950616
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19950616

UST:
Region: STATE
Local Agency: Santa Clara, Santa Clara County
Facility ID: 300632

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

HIST UST:
Region: STATE
Facility ID: 00000003409
Tank Num: 001
Container Num: 1
Year Installed: 1979
Tank Capacity: 00003000
Facility Type: Other
Other Type: ELECTRONICS MFG.
Total Tanks: 0009
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: Visual, Groundwater Monitoring Well
Contact Name: NELSON WALKER
Telephone: 4087216079
Owner Name: NATIONAL SEMICONDUCTOR CORPORA
Owner Address: 2900 SEMICONDUCTOR DRIVE
Owner City,St,Zip: SANTA CLARA, CA 95051

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Region:	STATE
Facility ID:	00000003409
Tank Num:	002
Container Num:	2
Year Installed:	1979
Tank Capacity:	00004000
Facility Type:	Other
Other Type:	ELECTRONICS MFG.
Total Tanks:	0009
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	6 inches
Leak Detection:	Visual, Groundwater Monitoring Well
Contact Name:	NELSON WALKER
Telephone:	4087216079
Owner Name:	NATIONAL SEMICONDUCTOR CORPORA
Owner Address:	2900 SEMICONDUCTOR DRIVE
Owner City,St,Zip:	SANTA CLARA, CA 95051

Region:	STATE
Facility ID:	00000003409
Tank Num:	003
Container Num:	3
Year Installed:	1982
Tank Capacity:	00004000
Facility Type:	Other
Other Type:	ELECTRONICS MFG.
Total Tanks:	0009
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NELSON WALKER
Telephone:	4087216079
Owner Name:	NATIONAL SEMICONDUCTOR CORPORA
Owner Address:	2900 SEMICONDUCTOR DRIVE
Owner City,St,Zip:	SANTA CLARA, CA 95051

Region:	STATE
Facility ID:	00000003409
Tank Num:	004
Container Num:	4
Year Installed:	1979
Tank Capacity:	00000600
Facility Type:	Other
Other Type:	ELECTRONICS MFG.
Total Tanks:	0009
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	4 inches
Leak Detection:	Visual, Groundwater Monitoring Well
Contact Name:	NELSON WALKER
Telephone:	4087216079
Owner Name:	NATIONAL SEMICONDUCTOR CORPORA
Owner Address:	2900 SEMICONDUCTOR DRIVE
Owner City,St,Zip:	SANTA CLARA, CA 95051

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Region:	STATE
Facility ID:	00000003409
Tank Num:	005
Container Num:	5
Year Installed:	1984
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	ELECTRONICS MFG.
Total Tanks:	0009
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	4 inches
Leak Detection:	Visual, Groundwater Monitoring Well
Contact Name:	NELSON WALKER
Telephone:	4087216079
Owner Name:	NATIONAL SEMICONDUCTOR CORPORA
Owner Address:	2900 SEMICONDUCTOR DRIVE
Owner City,St,Zip:	SANTA CLARA, CA 95051

Region:	STATE
Facility ID:	00000003409
Tank Num:	006
Container Num:	6
Year Installed:	1976
Tank Capacity:	00000560
Facility Type:	Other
Other Type:	ELECTRONICS MFG.
Total Tanks:	0009
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	4 inches
Leak Detection:	None
Contact Name:	NELSON WALKER
Telephone:	4087216079
Owner Name:	NATIONAL SEMICONDUCTOR CORPORA
Owner Address:	2900 SEMICONDUCTOR DRIVE
Owner City,St,Zip:	SANTA CLARA, CA 95051

Region:	STATE
Facility ID:	00000003409
Tank Num:	007
Container Num:	7
Year Installed:	1978
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	ELECTRONICS MFG.
Total Tanks:	0009
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	4 inches
Leak Detection:	Visual, Groundwater Monitoring Well
Contact Name:	NELSON WALKER
Telephone:	4087216079
Owner Name:	NATIONAL SEMICONDUCTOR CORPORA
Owner Address:	2900 SEMICONDUCTOR DRIVE
Owner City,St,Zip:	SANTA CLARA, CA 95051

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Region: STATE
Facility ID: 00000003409
Tank Num: 008
Container Num: 8
Year Installed: Not reported
Tank Capacity: 00000500
Facility Type: Other
Other Type: ELECTRONICS MFG.
Total Tanks: 0009
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: NELSON WALKER
Telephone: 4087216079
Owner Name: NATIONAL SEMICONDUCTOR CORPORA
Owner Address: 2900 SEMICONDUCTOR DRIVE
Owner City,St,Zip: SANTA CLARA, CA 95051

Region: STATE
Facility ID: 00000003409
Tank Num: 009
Container Num: 9
Year Installed: 1976
Tank Capacity: 00000500
Facility Type: Other
Other Type: ELECTRONICS MFG.
Total Tanks: 0009
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: NELSON WALKER
Telephone: 4087216079
Owner Name: NATIONAL SEMICONDUCTOR CORPORA
Owner Address: 2900 SEMICONDUCTOR DRIVE
Owner City,St,Zip: SANTA CLARA, CA 95051

EMI:
Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 313
Reactive Organic Gases Tons/Yr: 151
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 8
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 17
Part. Matter 10 Micrometers & Smllr Tons/Yr: 16

Year: 1990

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 77
Reactive Organic Gases Tons/Yr: 38
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 11
Part. Matter 10 Micrometers & Smllr Tons/Yr: 10

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15
Reactive Organic Gases Tons/Yr: 8
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 13
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 9
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 2

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3974
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 2

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3974
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 2

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 4931
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 573
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Air Basin:	SF
Facility ID:	573
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.668
Reactive Organic Gases Tons/Yr:	2.0443554
Carbon Monoxide Emissions Tons/Yr:	0.234
NOX - Oxides of Nitrogen Tons/Yr:	1.045
SOX - Oxides of Sulphur Tons/Yr:	0.013
Particulate Matter Tons/Yr:	0.117
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.07648

US ENG CONTROLS:

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472986

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Actual Date: Not reported

EPA ID: CAD041472986
Site ID: 0901326
Name: NATIONAL SEMICONDUCTOR CORP.
Address: 2900 SEMICONDUCTOR AVE
SANTA CLARA, CA 95050
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD041472986
Site ID: 0901326
Name: NATIONAL SEMICONDUCTOR CORP.
Address: 2900 SEMICONDUCTOR AVE
SANTA CLARA, CA 95050
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD041472986
Site ID: 0901326
Name: NATIONAL SEMICONDUCTOR CORP.
Address: 2900 SEMICONDUCTOR AVE
SANTA CLARA, CA 95050
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/11/1991
Planned Complet. date: 09/30/1991
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Air Stripping

US INST CONTROL:
EPA ID: CAD041472986
Site ID: 0901326
Name: NATIONAL SEMICONDUCTOR CORP.
Action Name: RECORD OF DECISION
Address: 2900 SEMICONDUCTOR AVE
SANTA CLARA, CA 95050
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: Not reported
Planned Complet. Date: 09/30/1991
Complet. Date: 09/11/1991
Operable Unit: 01
Contaminated Media : Groundwater

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

EPA ID:	CAD041472986
Site ID:	0901326
Name:	NATIONAL SEMICONDUCTOR CORP.
Action Name:	RECORD OF DECISION
Address:	2900 SEMICONDUCTOR AVE SANTA CLARA, CA 95050
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Inst. Control:	Institutional Controls, (N.O.S.)
Actual Date:	Not reported
Planned Complet. Date:	09/30/1991
Complet. Date:	09/11/1991
Operable Unit:	01
Contaminated Media :	Soil

CA WDS:

Facility ID:	San Francisco Bay 438099003
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG912003 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	JEFF STAUDINGER
Agency Name:	NATIONAL SEMICONDUCTOR
Agency Address:	2900 SEMICONDUCTOR DR,M/SW-120
Agency City,St,Zip:	SANTA CLARA 95051
Agency Contact:	RICHARD BANKS
Agency Telephone:	4087217170
Agency Type:	Private
SIC Code:	3674
SIC Code 2:	Not reported
Primary Waste:	Contaminated Ground Water
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0.11952
Baseline Flow:	0.11952
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Facility ID:	San Francisco Bay 438099006
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG912003 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4087217170
Facility Contact:	RICHARD BANKS
Agency Name:	NATIONAL SEMICONDUCTOR COR
Agency Address:	2900 SEMICONDUCTOR DR M/S W105
Agency City,St,Zip:	SANTA CLARA 95051
Agency Contact:	RICHARD BANKS
Agency Telephone:	4087217170
Agency Type:	Private
SIC Code:	3674
SIC Code 2:	Not reported
Primary Waste:	Contaminated Ground Water
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0.24048
Baseline Flow:	0.24048
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

Facility ID:	San Francisco Bay 438099005
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG912003 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4087217170
Facility Contact:	RICHARD BANKS
Agency Name:	NATIONAL SEMICONDUCTOR COR
Agency Address:	2900 SEMICONDUCTOR DR M/S W105

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Agency City,St,Zip:	SANTA CLARA 95051
Agency Contact:	RICHARD BANKS
Agency Telephone:	4087217170
Agency Type:	Private
SIC Code:	3674
SIC Code 2:	Not reported
Primary Waste:	Contaminated Ground Water
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0.11952
Baseline Flow:	0.11952
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

ENVIROSTOR:

Site Type:	Federal Superfund
Site Type Detailed:	State Response or NPL
Acres:	Not reported
NPL:	YES
Regulatory Agencies:	RWQCB 2 - San Francisco Bay
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360029
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1990-01-10 00:00:00
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.3739083333333
Longitude:	-121.999191666667
Alias Name:	P23089 CAD041472986 NATIONAL SEMICONDUCTOR 43360029
Alias Type:	PCode EPA Identification Number Alternate Name Calsites ID Number
APN:	NONE SPECIFIED

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

APN Description: Not reported
Comments: FACILITY IDENTIFIED AB2370 SITE
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1981-01-05 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potenital Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

HISTORICAL CAL-SITES:

Facility ID: 43360029
Region: 2
Region Name: BERKELEY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 01101990
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: RWQCB
Lead Agency: REGIONAL WATER QUALITY CONTROL BOARD
Facility Type: NPRP
Type Name: NPL SITE, RP-FUNDED
NPL: Listed
SIC Code: 36
SIC Name: MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

State Senate District Code: 13

Click this hyperlink while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

NY MANIFEST:

Document ID:	NYG1565235
Manifest Status:	Not reported
Trans1 State ID:	SCR000074591
Trans2 State ID:	NYD982792814
Generator Ship Date:	04/04/2000
Trans1 Recv Date:	04/04/2000
Trans2 Recv Date:	04/04/2000
TSD Site Recv Date:	04/17/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD041472986
Trans1 EPA ID:	NYD000632372
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00012
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	00
Facility Type:	Generator
EPA ID:	CAD041472986
Facility Name:	NATIONAL SEMICONDUCTOR
Facility Address:	3875 KIFER ROAD M/S W-105
Facility City:	SANTA CLARA
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	NATIONAL SEMICONDUCTOR
Mailing Contact:	SAM PAKDEL
Mailing Address:	3875 KIFER ROAD M/S W-105
Mailing City:	SANTA CLARA
Mailing State:	CA
Mailing Zip:	95052
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	408-721-5941

Document ID:	NYG1565244
Manifest Status:	Not reported
Trans1 State ID:	SCR000074591
Trans2 State ID:	NYD982792814

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Generator Ship Date:	04/04/2000
Trans1 Recv Date:	04/04/2000
Trans2 Recv Date:	04/04/2000
TSD Site Recv Date:	04/17/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD041472986
Trans1 EPA ID:	NYD000632372
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00008
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	00
Facility Type:	Generator
EPA ID:	CAD041472986
Facility Name:	NATIONAL SEMICONDUCTOR
Facility Address:	3875 KIFER ROAD M/S W-105
Facility City:	SANTA CLARA
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	NATIONAL SEMICONDUCTOR
Mailing Contact:	SAM PAKDEL
Mailing Address:	3875 KIFER ROAD M/S W-105
Mailing City:	SANTA CLARA
Mailing State:	CA
Mailing Zip:	95052
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	408-721-5941

Document ID:	NYB1573803
Manifest Status:	Not reported
Trans1 State ID:	NYX720000000
Trans2 State ID:	NYD982792814
Generator Ship Date:	07/31/1998
Trans1 Recv Date:	07/31/1998
Trans2 Recv Date:	08/04/1998
TSD Site Recv Date:	08/14/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD041472986
Trans1 EPA ID:	NYD000632372
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00012
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Year: 98
Facility Type: Generator
EPA ID: CAD041472986
Facility Name: NATIONAL SEMICONDUCTOR
Facility Address: 3875 KIFER ROAD M/S W-105
Facility City: SANTA CLARA
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: NATIONAL SEMICONDUCTOR
Mailing Contact: SAM PAKDEL
Mailing Address: 3875 KIFER ROAD M/S W-105
Mailing City: SANTA CLARA
Mailing State: CA
Mailing Zip: 95052
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 408-721-5941

Document ID: NYB7316937
Manifest Status: K
Trans1 State ID: 11284PNY
Trans2 State ID: Not reported
Generator Ship Date: 960917
Trans1 Recv Date: 960917
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961004
Part A Recv Date: 961016
Part B Recv Date: 961022
Generator EPA ID: CAD041472986
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00014
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96
Facility Type: Generator
EPA ID: CAD041472986
Facility Name: NATIONAL SEMICONDUCTOR
Facility Address: 3875 KIFER ROAD M/S W-105
Facility City: SANTA CLARA
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: NATIONAL SEMICONDUCTOR
Mailing Contact: SAM PAKDEL
Mailing Address: 3875 KIFER ROAD M/S W-105
Mailing City: SANTA CLARA
Mailing State: CA
Mailing Zip: 95052
Mailing Zip4: Not reported
Mailing Country: Not reported

NATIONAL SEMICONDUCTOR CORPORATION (Continued) **1000260559**

Mailing Phone: 408-721-5941

NPL
Region

NORTHROP GRUMMAN MARINE SYSTEM S
401 EAST HENDY AVENUE
SUNNYVALE, CA 94088

PADS
CERCLIS
FINDS
NPL
RCRA-LQG
ROD
US ENG CONTROLS
US INST CONTROL

1000413449
CAD001864081

CERCLIS:
Site ID: 0900956
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
Contact Name: Rosemarie Caraway
Contact Tel: (415) 972-3158
Contact Title: Remedial Project Manager (RPM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

Contact Name: Gary Riley
Contact Tel: (415) 972-3003
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):
Alias Name: WESTINGHOUSE ELECTRIC CORP
Alias Address: Not reported
CA
Alias Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE)
Alias Address: Not reported
Not reported
Alias Name: WESTINGHOUSE ELECETRIC CORP. (SUNNYVALE)
Alias Address: HENDY AVE & FAIROAKS AVE
SUNNYVALE, CA 94087
Alias Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Alias Address: HENDY AVE & FAIROAKS AVE
SUNNYVALE, CA 94087
Site Description: WESTINGHOUSE FORMERLY MFG'D ELEC TRANSFORMERS AT A PLT IN SUNNYVALE,CA.FACIL SURROUNDED BY RESID/INDUS/BUSINESS AREAS.MONITORING WELLS ON-SITE CONTAM WITH PCB & DICHLORO. TRICHLOROBENZENE, RESULTED FR LEAKING PCB STORAGE TANK

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 12/01/1980
Priority Level: Not reported

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	07/01/1984
Priority Level:	High
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	08/01/1984
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	12/01/1981
Date Completed:	08/01/1984
Priority Level:	High
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	10/15/1984
Priority Level:	Not reported
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	Not reported
Date Completed:	08/15/1985
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	06/10/1986
Priority Level:	Not reported
Action:	Special Notice Issued
Date Started:	Not reported
Date Completed:	04/04/1988
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	08/24/1988
Priority Level:	Not reported
Action:	COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	10/01/1981
Date Completed:	08/24/1988
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	01/01/1988
Date Completed:	08/24/1988
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	07/16/1990
Date Completed:	07/16/1990
Priority Level:	Not reported
Action:	PREPARATION OF COST DOCUMENT PACKAGE
Date Started:	Not reported

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Date Completed: 08/30/1990
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 08/24/1988
Date Completed: 10/16/1991
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 10/16/1991
Priority Level: Final Remedy Selected at Site

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 02/06/1992
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 02/06/1992
Priority Level: Not reported

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 04/24/1992
Priority Level: Not reported

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 07/13/1992
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: Not reported
Date Completed: 12/14/1992
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 03/31/1992
Date Completed: 09/29/1993
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 02/06/1992
Date Completed: 06/28/1994
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 10/01/1992
Date Completed: 06/28/1994
Priority Level: Not reported

Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: Not reported
Date Completed: 06/20/1995
Priority Level: Not reported

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	06/28/1994
Date Completed:	09/30/1996
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	06/28/1994
Date Completed:	09/30/1996
Priority Level:	Not reported
Action:	Explanation Of Significant Differences
Date Started:	Not reported
Date Completed:	03/14/1997
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	03/19/1997
Date Completed:	Not reported
Priority Level:	Not reported
Action:	PREPARATION OF COST DOCUMENT PACKAGE
Date Started:	Not reported
Date Completed:	04/02/1997
Priority Level:	Not reported
Action:	ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started:	Not reported
Date Completed:	06/23/1997
Priority Level:	Not reported
Action:	PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started:	Not reported
Date Completed:	09/27/2000
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	Not reported
Date Completed:	09/28/2001
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/28/2001
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	04/03/2006
Date Completed:	09/27/2006
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/27/2006
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Date Completed:	Not reported
Priority Level:	Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

NPL:

EPA ID:	CAD001864081
EPA Region:	09
Federal:	General
Final Date:	06/10/1986

Category Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 50 And <= 100 Feet
Category Value:	57
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

Site Details:

Site Name:	WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Site Status:	Final

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Status Date: 6/10/1986
Site City: SUNNYVALE
Site State: CA
Federal Site: Not a Federal Facility
HRS Score: 39.93
GW Score: 69.07
SW Score: Not reported
Air Score: Not reported
Soil Score: Not reported
DC Score: Not reported
FE Score: Not reported

Substance Details:

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: A029
Substance: DICHLOROBENZENE
CAS #: 25321-22-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: GROUND WATER PATHWAY
Scoring: 4

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: C401
Substance: TRICHLOROBENZENE
CAS #: 12002-48-1
Pathway: GROUND WATER PATHWAY
Scoring: 2

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U207
Substance: TETRACHLOROBENZENE, 1,2,3,5-
CAS #: 634-90-2
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal October 15, 1984): Westinghouse Electric Corp. formerly manufactured electrical transformers at a plant covering 75 acres in

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Sunnyvale, Santa Clara County, California. The facility is surrounded by residential, indust
rial, and business areas. Monitoring wells on the site are contaminated with PCBs and dichloro-, trichloro-, and tetrachloroben ene, according to analyses conducted by a consultant to Westinghouse. Contamination is believed to have resul
ted from a leaking PCB storage tank and from locali ed spills. About 300,000 people depend on ground water within 3 miles of the site as a source of drinking water. Westinghouse has removed the leaking tanks and is working with the Cali
fornia Regional Water Quality Control Board CRWQCB) to determine the extent of soil and ground water contamination. This is one of 19 sites in the South Bay Area of San Francisco. Facilities at these sites have used a variety of toxic c
hemicals, primarily chlorinated organic solvents, which contaminate a common ground water basin. Although these sites are listed separately, EPA intends to apply an area-wide approach to the problem as well as take specific action as necessary.
Status June 10, 1986): In July 1985, CRWQCB issued Waste Discharge Requirements to the company for interim measures and a remedial investigation. The requirements are the board s legal mechanism for regulating activities at facilities under i
ts jurisdiction. CRWQCB, in conjunction with EPA and the California Department of Health Services, is considering various response actions at the site.

Site Status Details:

NPL Status:	Final
Proposed Date:	10/15/1984
Final Date:	06/10/1986
Deleted Date:	Not reported

Narratives Details:

NPL Name:	WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
City:	SUNNYVALE
State:	CA

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD001864081
Contact:	Not reported
Classification:	Large Quantity Generator
TSDF Activities:	Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	34080.00	D002	21476.00
D006	8795.00	D007	13085.00
D008	8795.00	D011	5276.00
D035	77159.00	F002	56773.00
F003	77159.00	F005	55683.00

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Violation Status: No violations found

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

US ENG CONTROLS:

EPA ID:	CAD001864081
Site ID:	0900956
Name:	WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Address:	401 HENDY AVENUE SUNNYVALE, CA 95117
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD001864081
Site ID:	0900956
Name:	WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Address:	401 HENDY AVENUE SUNNYVALE, CA 95117
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

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County:	SANTA CLARA
Event Code:	Not reported
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Event Code:	Not reported
Actual Date:	Not reported

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

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County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

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Event Code: Not reported
Actual Date: Not reported

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County: SANTA CLARA
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Actual Date: Not reported

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County: SANTA CLARA
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Actual Date: Not reported

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Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD001864081
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County: SANTA CLARA
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Address: 401 HENDY AVENUE
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EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Address: 401 HENDY AVENUE

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD001864081
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EPA Region: 09
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Event Code: Not reported
Actual Date: Not reported

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NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
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County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

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EPA Region: 09
County: SANTA CLARA
Event Code: Not reported

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Actual Date: Not reported

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Address: 401 HENDY AVENUE
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County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

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County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

Action ID: 002
Action Name: PRP RA
Action Completion date: 09/30/1996
Planned Complet. date: 09/30/1996
Operable Unit: 01

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Contaminated Media : Groundwater
Engineering Control: Air Stripping

US INST CONTROL:

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Action Name: PRP RA
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Planned Complet. Date: 09/30/1996
Complet. Date: 09/30/1996
Operable Unit: 01
Contaminated Media : Groundwater

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Action Name: PRP RA
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Planned Complet. Date: 09/30/1996
Complet. Date: 09/30/1996
Operable Unit: 01
Contaminated Media : Soil

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Action Name: PRP RA
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Land Use Restriction
Actual Date: Not reported
Planned Complet. Date: 09/30/1996
Complet. Date: 09/30/1996
Operable Unit: 01
Contaminated Media : Soil

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Action Name: PRP RA
Address: 401 HENDY AVENUE

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Planned Complet. Date: 12/31/2024
Complet. Date: Not reported
Operable Unit: 01
Contaminated Media : Groundwater

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Action Name: PRP RA
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Planned Complet. Date: 12/31/2024
Complet. Date: Not reported
Operable Unit: 01
Contaminated Media : Soil

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Action Name: PRP RA
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Land Use Restriction
Actual Date: Not reported
Planned Complet. Date: 12/31/2024
Complet. Date: Not reported
Operable Unit: 01
Contaminated Media : Soil

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Action Name: RECORD OF DECISION
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Planned Complet. Date: 12/31/1991
Complet. Date: 10/16/1991
Operable Unit: 01

NORTHROP GRUMMAN MARINE SYSTEM S (Continued) **1000413449**

Contaminated Media : Groundwater

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Action Name: RECORD OF DECISION
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Planned Complet. Date: 12/31/1991
Complet. Date: 10/16/1991
Operable Unit: 01
Contaminated Media : Soil

EPA ID: CAD001864081
Site ID: 0900956
Name: WESTINGHOUSE ELECTRIC CORP. (SUNNYVALE PLANT)
Action Name: RECORD OF DECISION
Address: 401 HENDY AVENUE
SUNNYVALE, CA 95117
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Land Use Restriction
Actual Date: Not reported
Planned Complet. Date: 12/31/1991
Complet. Date: 10/16/1991
Operable Unit: 01
Contaminated Media : Soil

NPL **Region**	**MONOLITHIC MEMORIES INC** **1165 E ARQUES AVE** **SUNNYVALE, CA 94086**	**CERCLIS** **RCRA-SQG** **FINDS** **HAZNET** **LUST** **NPL** **SLIC** **ROD** **US ENG CONTROLS** **US INST CONTROL**	**1000333912** **CAD049236201**

CERCLIS:
Site ID: 0901398
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis

MONOLITHIC MEMORIES INC (Continued) **1000333912**

Contact Tel:	(415) 972-3095
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Penelope McDaniel
Contact Tel:	(415) 972-3178
Contact Title:	Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):

Alias Name:	MMI
Alias Address:	Not reported CA
Alias Name:	ADVANCED MICRO DEVICES
Alias Address:	Not reported CA
Alias Name:	AMD - ARQUES
Alias Address:	Not reported CA
Alias Name:	MONOLITHIC MEMORIES
Alias Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086

Site Description: MONOLITHIC MEMORIES MFGS INTEGRATED CIRCUITS AT A PLT IN SUNNYVALE,CA.FACIL OCCUPIED 20 ACRES SURROUNDED BY RESID/IND/BUSINESS AREAS.MONITORING WELLS ON-SITE CONTAMINATED WITH SOLVENTS FR LEAKING UNDGRD TANKS.300,000 DEPEND ON GRD WTR.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	08/01/1980
Priority Level:	Not reported
Action:	INITIAL REMEDIAL MEASURE
Date Started:	05/01/1982
Date Completed:	Not reported
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	07/01/1984
Priority Level:	High
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	08/01/1984
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	08/01/1984
Priority Level:	High
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	10/15/1984
Priority Level:	Not reported
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH

MONOLITHIC MEMORIES INC (Continued) **1000333912**

Date Started: Not reported
Date Completed: 06/30/1985
Priority Level: Not reported

Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 07/22/1987
Priority Level: Not reported

Action: STATE ORDER
Date Started: Not reported
Date Completed: 04/19/1989
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 07/16/1990
Date Completed: 07/16/1990
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 04/19/1989
Date Completed: 09/11/1991
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/11/1991
Priority Level: Final Remedy Selected at Site

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/11/1991
Date Completed: 09/11/1991
Priority Level: Not reported

Action: STATE ORDER
Date Started: Not reported
Date Completed: 09/18/1991
Priority Level: Not reported

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 03/26/1992
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: Not reported
Date Completed: 12/14/1992
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/11/1991
Date Completed: 07/25/1994
Priority Level: Not reported

Action: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: Not reported
Date Completed: 08/22/1994

MONOLITHIC MEMORIES INC (Continued) **1000333912**

Priority Level:	Not reported
Action:	ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started:	Not reported
Date Completed:	11/03/1995
Priority Level:	Not reported
Action:	ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started:	Not reported
Date Completed:	08/04/1997
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	03/04/1999
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	Not reported
Date Completed:	09/29/1999
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/29/1999
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	Not reported
Date Completed:	09/30/2004
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/30/2004
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	Not reported
Priority Level:	Not reported

RCRAInfo:

Owner:	ARQUES LIMITED INVESTORS (408) 733-1234
EPA ID:	CAD049236201
Contact:	ENVIRONMENTAL MANAGER (408) 739-3535
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

MONOLITHIC MEMORIES INC (Continued) **1000333912**

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	05/22/1984
Actual Date Achieved Compliance:	06/20/1984
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/30/1984
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19840620

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid:	CAL000059105
Contact:	ADVANCED MICRO DEVICES INC
Telephone:	4087322400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	8
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler

MONOLITHIC MEMORIES INC (Continued) **1000333912**

Tons:	.1200
Facility County:	8
Gepaid:	CAL000059105
Contact:	ADVANCED MICRO DEVICES INC
Telephone:	4087322400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	8
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Disposal, Other
Tons:	.0600
Facility County:	8
Gepaid:	CAL000059105
Contact:	ADVANCED MICRO DEVICES INC
Telephone:	4087322400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	8
TSD EPA ID:	CAL000027741
TSD County:	5
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	.0500
Facility County:	8
Gepaid:	CAL000059105
Contact:	ADVANCED MICRO DEVICES INC
Telephone:	4087322400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	8
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	2.8950
Facility County:	8
Gepaid:	CAL000059105
Contact:	ADVANCED MICRO DEVICES INC
Telephone:	4087322400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	8
TSD EPA ID:	CAD044429835

MONOLITHIC MEMORIES INC (Continued) **1000333912**

TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Tons: .1000
Facility County: 8

Click this hyperlink while viewing on your computer to access
62 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: LET
Funding: COSTRE
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL720801215
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 2002-07-02 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: Not reported
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remedial action (cleanup) Underway
Chemical: Not reported
Contact Person: Not reported
Responsible Party: JULIA BUSSEY
RP Address: 1AMD PLACE PO BOX 3453 MAIL STOP 5
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported

MONOLITHIC MEMORIES INC (Continued) **1000333912**

Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 7208000
Case Number: 43S0080
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

NPL:
EPA ID: CAD049236201
EPA Region: 09
Federal: General
Final Date: 07/22/1987

Category Details:
Site ID: Not reported
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 100 Feet
Category Value: 300

Site ID: Not reported
NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:
Site Name: MONOLITHIC MEMORIES
Site Status: Final
Status Date: 7/22/1987
Site City: SUNNYVALE
Site State: CA
Federal Site: Not a Federal Facility
HRS Score: 35.57
GW Score: 61.54
SW Score: Not reported
Air Score: Not reported
Soil Score: Not reported
DC Score: Not reported
FE Score: Not reported

Site Name: MONOLITHIC MEMORIES
Site Status: Final
Status Date: 7/22/1987
Site City: SUNNYVALE
Site State: CA
Federal Site: Not a Federal Facility
HRS Score: 42.24

MONOLITHIC MEMORIES INC (Continued) **1000333912**

GW Score:	73.08
SW Score:	Not reported
Air Score:	Not reported
Soil Score:	Not reported
DC Score:	Not reported
FE Score:	Not reported

Substance Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	C049
Substance:	ETHYLBENZENE
CAS #:	100-41-4
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U002
Substance:	ACETONE
CAS #:	67-64-1
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U037
Substance:	CHLOROBENZENE
CAS #:	108-90-7
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U070
Substance:	DICHLOROBENZENE, 1,2-
CAS #:	95-50-1
Pathway:	GROUND WATER PATHWAY
Scoring:	4

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U210
Substance:	TETRACHLOROETHENE
CAS #:	127-18-4
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Site ID:	Not reported

MONOLITHIC MEMORIES INC (Continued) **1000333912**

NPL Status: Currently on the Final NPL
Substance ID: U239
Substance: XYLENE
CAS #: 1330-20-7
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal October 15, 1984): Monolithic Memories, Inc., manufactures integrated circuits at a plant in Sunnyvale, Santa Clara County, California. The facility occupies about 20 acres and is surrounded by residential, industrial, and business areas. Monitoring wells on the site are contaminated with xylene, chloroform, and trichloroethylene, according to analyses conducted by a consultant to the company. Contamination is believed to have resulted from leaking underground storage tanks. About 300,000 people depend on wells within 3 miles of the site as a source of drinking water. Monolithic Memories has stopped using the underground tanks and is presently working with the California Regional Water Quality Control Board CRWQCB) to characterize the extent of ground water contamination. The plant received Interim Status under Subtitle C of the Resource Conservation and Recovery Act RCRA) when the company filed Part A of its permit application. This is one of 19 sites in the South Bay Area of San Francisco. Facilities at these sites have used a variety of toxic chemicals, primarily chlorinated organic solvents, which contaminate a common ground water basin. Although these sites are listed separately, EPA intends to apply an area-wide approach to the problem as well as take specific action as necessary. Status February 1986): Under the direction of CRWQCB, the company has commenced a program of pumping and treating ground water to contain the plume while the remedial investigation is underway. CRWQCB, in conjunction with EPA and the California Department of Health Services, is overseeing the various response actions. This site remains in proposed status until EPA implements the appropriate elements of its final policy for placing RCRA-related sites on the NPL and then applies the policy to this site. Status July 22, 1987): Subsequent investigation revealed that this site is not subject to the Subtitle C permitting requirements of RCRA. Its score on the Hazard Ranking System, which EPA uses to evaluate sites for the NPL, is above the cutoff point of 28.50, and EPA received no information that prevents placing the site on the NPL. Therefore, it is being placed on the NPL.

Site Status Details:
NPL Status: Final
Proposed Date: 10/15/1984
Final Date: 07/22/1987
Deleted Date: Not reported

Narratives Details:
NPL Name: MONOLITHIC MEMORIES
City: SUNNYVALE
State: CA

MONOLITHIC MEMORIES INC (Continued) **1000333912**

SLIC:

Region:	STATE
Global Id:	SL720801215
Assigned Name:	SLICSITE
Lead Agency Contact:	MAX SHAHBAZIAN
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	43S0080
Responsible Party:	ADVANCED MICRO DEVICES
Recent Dtw:	Not reported
Substance Released:	Not reported
Facility Status:	**Remedial Action Underway**

SLIC:

Region:	2
Facility ID:	43S0080
Facility Status:	Remedial action (cleanup) Underway
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

US ENG CONTROLS:

EPA ID:	CAD049236201
Site ID:	0901398
Name:	MONOLITHIC MEMORIES
Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported
EPA ID:	CAD049236201
Site ID:	0901398
Name:	MONOLITHIC MEMORIES
Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported
EPA ID:	CAD049236201
Site ID:	0901398

MONOLITHIC MEMORIES INC (Continued) **1000333912**

Name: MONOLITHIC MEMORIES
Address: 1165 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD049236201
Site ID: 0901398
Name: MONOLITHIC MEMORIES
Address: 1165 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD049236201
Site ID: 0901398
Name: MONOLITHIC MEMORIES
Address: 1165 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD049236201
Site ID: 0901398
Name: MONOLITHIC MEMORIES
Address: 1165 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD049236201
Site ID: 0901398
Name: MONOLITHIC MEMORIES
Address: 1165 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD049236201
Site ID: 0901398
Name: MONOLITHIC MEMORIES
Address: 1165 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

MONOLITHIC MEMORIES INC (Continued) **1000333912**

EPA ID:	CAD049236201
Site ID:	0901398
Name:	MONOLITHIC MEMORIES
Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD049236201
Site ID:	0901398
Name:	MONOLITHIC MEMORIES
Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD049236201
Site ID:	0901398
Name:	MONOLITHIC MEMORIES
Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD049236201
Site ID:	0901398
Name:	MONOLITHIC MEMORIES
Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD049236201
Site ID:	0901398
Name:	MONOLITHIC MEMORIES
Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	09/11/1991
Planned Complet. date:	09/30/1991
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Air Stripping

MONOLITHIC MEMORIES INC (Continued) **1000333912**

US INST CONTROL:

EPA ID:	CAD049236201
Site ID:	0901398
Name:	MONOLITHIC MEMORIES
Action Name:	RECORD OF DECISION
Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Inst. Control:	Institutional Controls, (N.O.S.)
Actual Date:	Not reported
Planned Complet. Date:	09/30/1991
Complet. Date:	09/11/1991
Operable Unit:	01
Contaminated Media :	Groundwater

EPA ID:	CAD049236201
Site ID:	0901398
Name:	MONOLITHIC MEMORIES
Action Name:	RECORD OF DECISION
Address:	1165 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Inst. Control:	Institutional Controls, (N.O.S.)
Actual Date:	Not reported
Planned Complet. Date:	09/30/1991
Complet. Date:	09/11/1991
Operable Unit:	01
Contaminated Media :	Soil

NPL Region

ADVANCED MICRO DEVICES INC
901 THOMPSON PL
SUNNYVALE, CA 94086

CERCLIS
FINDS
HAZNET
LUST
NPL
Cortese
RCRA-LQG
RCRA-TSDF
CORRACTS
ROD
US ENG CONTROLS

1000151453
CAD048634059

CERCLIS:

Site ID:	0901389
Federal Facility:	Not a Federal Facility
NPL Status:	Currently on the Final NPL
Non NPL Status:	Not reported

CERCLIS Site Contact Name(s):

Contact Name:	Robert Mandel
Contact Tel:	(415) 972-3040
Contact Title:	On-Scene Coordinator (OSC)
Contact Name:	Jere Johnson

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jeff Inglis
Contact Tel:	(415) 972-3095
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Penelope McDaniel
Contact Tel:	(415) 972-3178
Contact Title:	Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):

Alias Name:	AMD 901/902
Alias Address:	Not reported CA
Alias Name:	AMD - THOMPSON PLACE
Alias Address:	Not reported CA
Alias Name:	ADVANCED MICRO DEVICES, INC
Alias Address:	Not reported Not reported
Alias Name:	ADVANCED MICRO DEVICES, INC.
Alias Address:	901 THOMPSON PL SUNNYVALE, CA 94086

Site Description: AMD OU proposed for inclusion on the NPL.Signetics OU proposed for includsion on the NPL.AMD OU formally added to the NPL in June 1986.TRW OU proposed for inclusion on the NPL.EPA drops proposal to include Signetics on the NPL.TRW OU formally added to the NPL in February 1990.ADV MICRO DEVICES IS A MFG OF ELECTRONIC EQUIPT IN SUNNYVALECA.MONITORING WELLS AROUND SITE CONTAMINATED WITH SOLVENTS BELIEVED TO HAVE RESULTED FR LEAKING TANKS.ABOUT 300,000 DEPEND UPON GRD WTR AS A SOURCE OF DRINKING WTR.The 3-acre Advanced Micro Devices (AMD) site is an active semiconductor manufacturing facility in Sunnyvale, Santa Clara County, California. The site is part of a larger study area that includes four Operable Units (OUs): the AMD 901/902 site, the Signetics site, the 1-acre TRW Microwave site, and a 100-acre offsite contaminated ground water plume. Land use in the area is predominantly commercial and industrial. Residential property lies to the north and west of the main facilities and overlies portions of the offsite ground water OU. Six aquifers are associated with the study area including a deeper aquifer confirmed only at the TRW and Signetics sites. Currently, the contaminated ground water is not used as a drinking water supply, but the State considers several of the aquifers to be potential drinking water sources. From 1969 to the present, AMD has used its portion of the study area for manufacturing semiconductors using organic solvents, acids, and metals. These substances also were used in semiconductor manufacturing at the Signetics and TRW sites from 1964 to the present and from 1974 to 1986, respectively. As a result of a leakage from the acid neutralization system at the AMD site, a number of investigations were conducted that revealed extensive contamination of onsite soil and ground water. Leakage from an underground waste solvent storage tank at the Signetics site and responses to an information questionnaire regarding an underground tanks investigation at the TRW site resulted in a number of investigations that revealed extensive contamination of soil and ground water. Several initial remedial measures were conducted at the AMD OU. During 1983 and 1984, acid neutralization sumps and approximately 217 cubic yards of contaminated soil were removed. From 1984 to 1988, remediation of ground water was implemented using extraction wells and dewatering sumps. Several initial remedial measures also were conducted at the Signetics OU. From 1982to present, ground water has

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

been pumped from various site locations and treated using air stripping and carbon adsorption, followed by air stripping to control off-gases and reuse of the treated water in industrial processes. Contaminated soil has been removed from three separate locations, including 4,720 cubic yards of soil from a waste solvent storage tank area in 1983. In 1989, three vapor extraction wells were installed to treat contaminated soil. Several initial remedial measures also have been conducted at the TRW OU. From 1983 to 1984, an underground waste solvent storage tank and 120 cubic yards of onsite contaminated soil were removed. From 1984 to present, ground water has been pumped and treated using air stripping, followed by onsite discharge to surface water. In addition, two ground water extraction systems pump contaminated ground water from the 100-acre offsite plume. The extracted water is treated at a neighboring AMD facility using air stripping, followed by liquid phase granularactivated carbon polisher and onsite discharge to surface water, or reuse by the facility. This Record of Decision (ROD) collectively addresses final remediation of soil and ground water in the four separate OUs within the study area. The primary contaminants of concern affecting the soil and ground water are VOCs including PCE and TCE; and other organics.

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1980
Priority Level: Not reported

Action: INITIAL REMEDIAL MEASURE
Date Started: 01/02/1982
Date Completed: Not reported
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 07/01/1984
Priority Level: Low

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 08/01/1984
Priority Level: High

Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 10/15/1984
Priority Level: Not reported

Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 06/10/1986
Priority Level: Not reported

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 06/01/1987
Priority Level: Not reported

Action: STATE ORDER
Date Started: Not reported
Date Completed: 04/19/1989

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

Priority Level: Not reported

Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 07/01/1989
Date Completed: 02/22/1990
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 07/02/1990
Date Completed: 07/02/1990
Priority Level: Not reported

Action: STATE ORDER
Date Started: Not reported
Date Completed: 06/19/1991
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 04/19/1989
Date Completed: 09/11/1991
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/11/1991
Priority Level: Final Remedy Selected at Site

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/11/1991
Date Completed: 09/11/1991
Priority Level: Not reported

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 03/26/1992
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: Not reported
Date Completed: 10/22/1992
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/11/1991
Date Completed: 09/16/1993
Priority Level: Not reported

Action: OPERATIONS AND MAINTENANCE
Date Started: 09/16/1993
Date Completed: Not reported
Priority Level: Not reported

Action: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: Not reported
Date Completed: 09/17/1993
Priority Level: Not reported

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

Action:	ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started:	Not reported
Date Completed:	11/03/1995
Priority Level:	Not reported
Action:	ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started:	Not reported
Date Completed:	08/04/1997
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	08/15/1997
Date Completed:	09/29/1999
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/29/1999
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	Not reported
Date Completed:	09/30/2004
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/30/2004
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	Not reported
Priority Level:	Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

HAZNET:

Gepaid:	CAD048634059
Contact:	ADVANCED MICRO DEVICES, INC
Telephone:	4087322400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Laboratory waste chemicals
Disposal Method:	Recycler
Tons:	.0500
Facility County:	Santa Clara

Gepaid:	CAD048634059
Contact:	ARTURO RUIZ/SR. ENVT'L ENGR
Telephone:	4087492965
Facility Addr2:	Not reported
Mailing Name:	M/S 5
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	3.6
Facility County:	Santa Clara

Gepaid:	CAD048634059
Contact:	ARTURO RUIZ/SR. ENVT'L ENGR
Telephone:	4087492965
Facility Addr2:	Not reported
Mailing Name:	M/S 5
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Asbestos-containing waste
Disposal Method:	Transfer Station
Tons:	0.65
Facility County:	Santa Clara

Gepaid:	CAD048634059
Contact:	ADVANCED MICRO DEVICES, INC
Telephone:	4087322400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

Disposal Method:	Recycler
Tons:	.0417
Facility County:	Santa Clara

Gepaid:	CAD048634059
Contact:	ADVANCED MICRO DEVICES, INC
Telephone:	4087322400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	.0834
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:	STATE
Case Type:	Undefined
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Federal
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Structure Failure
Leak Source:	Tank
Global Id:	T0608591732
Stop Date:	1988-05-11 00:00:00
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	1988-05-12 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	1988-05-11 00:00:00
Enforcement Dt:	Not reported
Release Date:	1988-05-11 00:00:00
Review Date:	2000-05-10 00:00:00
Enter Date:	1988-05-11 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Remedial action (cleanup) Underway
Chemical:	Waste Oil

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

Contact Person:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Interim:	Yes
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	MEJ
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	43099L
Hydr Basin #:	Santa Clara Basin (2
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No
Local Case #:	43MSCA0003
Case Number:	43-1768
Qty Leaked:	Not reported
Abate Method:	Pump and Treat Ground Water - generally employed to remove dissolved contaminants
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	SUPERFUND. KG?

LUST:

Region:	2
Facility Status:	Remedial action (cleanup) Underway
Facility Id:	43-1768
Case Number:	43MSCA0003
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	5/12/1988
Date Post Remedial Action Monitoring Began:	Not reported

NPL:

EPA ID:	CAD048634059
EPA Region:	09
Federal:	General
Final Date:	06/10/1986

Category Details:

Site ID:	Not reported

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 100 Feet
Category Value:	475
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

Site Details:

Site Name:	ADVANCED MICRO DEVICES, INC.
Site Status:	Final
Status Date:	6/10/1986
Site City:	SUNNYVALE
Site State:	CA
Federal Site:	Not a Federal Facility
HRS Score:	37.93
GW Score:	65.62
SW Score:	Not reported
Air Score:	Not reported
Soil Score:	Not reported
DC Score:	Not reported
FE Score:	Not reported

Substance Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U044
Substance:	CHLOROFORM
CAS #:	67-66-3
Pathway:	GROUND WATER PATHWAY
Scoring:	4
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U076
Substance:	DICHLOROETHANE, 1,1-
CAS #:	75-34-3
Pathway:	GROUND WATER PATHWAY
Scoring:	2
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U078
Substance:	DICHLOROETHENE, 1,1-
CAS #:	75-35-4
Pathway:	GROUND WATER PATHWAY
Scoring:	2

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U210
Substance:	TETRACHLOROETHENE
CAS #:	127-18-4
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U228
Substance:	TRICHLOROETHYLENE (TCE)
CAS #:	79-01-6
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Summary Details:

Conditions at proposal October 15, 1984): Advanced Micro Devices, Inc., manufactures electronic equipment at a plant in Sunnyvale, Santa Clara County, California. The facility occupies about 6 acres and is surrounded by residential, industr
ial, and business areas. Monitoring wells on the site are contaminated with chloroform, 1,1-dichloroethylene, 1,1-dichloroethane, trichloroethylene, and tetrachloroethylene, according to analyses conducted by a consultant to Advanced Micro
Devices, Inc. Contamination is believed to have resulted from locali ed spills and leaking underground storage tanks and piping. The same contaminants have been detected in monitoring wells off-site. About 300,000 people depend on wells withi
n 3 miles of the site as a source of drinking water. The company has removed an acid neutrali ation tank from the facility and is working with the California Regional Water Quality Control Board CRWQCB) to determine the extent of contami
nation of ground water and soils. The board issued a Cleanup and Abatement Order to the company in June 1984. This is one of 19 sites in the South Bay Area of San Francisco. Facilities at these sites have used a variety of toxic chemica
ls, primarily chlorinated organic solvents, which contaminate a common ground water basin. Although these sites are listed separately, EPA intends to apply an area-wide approach to the problem as well as take specific action as necessary.
Status June 10, 1986): CRWQCB issued Waste Discharge Requirements to the company in August 1985. The requirements are the board s legal mechanism for regulating activities at facilities under its jurisdiction. CRWQCB, in conjunction with EPA
and the California Department of Health Services, is considering various response actions at the site.

Site Status Details:

NPL Status:	Final
Proposed Date:	10/15/1984
Final Date:	06/10/1986
Deleted Date:	Not reported

Narratives Details:

NPL Name:	ADVANCED MICRO DEVICES, INC.
City:	SUNNYVALE

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

State: CA

Cortese:
Region: CORTESE
Facility Addr2: Not reported

RCRAInfo Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 01/01/1996

Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
Event Date: 01/01/1996

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 01/01/1996

RCRAInfo:
Owner: ADVANCED MICRO DEVICES,INC.
(408) 732-2400
EPA ID: CAD048634059

Contact: Not reported

Classification: Large Quantity Generator, TSDF
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)
F002	7200.00

Violation Status: No violations found

CORRACTS:

EPA ID: CAD048634059
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 01/01/1996
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing

EPA ID: CAD048634059
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 01/01/1996
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing

EPA ID: CAD048634059
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 01/01/1996
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

US ENG CONTROLS:
EPA ID: CAD048634059
Site ID: 0901389
Name: ADVANCED MICRO DEVICES, INC.
Address: 901 THOMPSON PL
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD048634059
Site ID: 0901389
Name: ADVANCED MICRO DEVICES, INC.
Address: 901 THOMPSON PL
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD048634059
Site ID: 0901389
Name: ADVANCED MICRO DEVICES, INC.
Address: 901 THOMPSON PL
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/11/1991
Planned Complet. date: 09/30/1991
Operable Unit: 01

ADVANCED MICRO DEVICES INC (Continued) **1000151453**

Contaminated Media : Groundwater
Engineering Control: Discharge

NPL **Region**	**TRW INC** **825 STEWART DRIVE** **SUNNYVALE, CA 94086**	**CERCLIS** **RCRA-SQG** **FINDS** **NPL** **ROD** **NY MANIFEST** **US ENG CONTROLS**	**1000124242** **CAD009159088**

CERCLIS:

Site ID:	0901181
Federal Facility:	Not a Federal Facility
NPL Status:	Currently on the Final NPL
Non NPL Status:	Not reported

CERCLIS Site Contact Name(s):

Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jeff Inglis
Contact Tel:	(415) 972-3095
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Penelope McDaniel
Contact Tel:	(415) 972-3178
Contact Title:	Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):

Alias Name:	AERTECH INDS
Alias Address:	Not reported CA
Alias Name:	FEI
Alias Address:	Not reported CA
Alias Name:	TRW MICROWAVE, INC (BUILDING 825)
Alias Address:	825 STEWART DR SUNNYVALE, CA 94086

Site Description: Not reported

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	08/01/1980
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	07/01/1984
Priority Level:	Low
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	08/01/1985
Priority Level:	Not reported

TRW INC (Continued) **1000124242**

Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	08/01/1985
Priority Level:	High
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	06/24/1988
Priority Level:	Not reported
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	04/19/1989
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	08/02/1989
Date Completed:	08/02/1989
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	02/21/1990
Priority Level:	Not reported
Action:	RISK/HEALTH ASSESSMENT
Date Started:	Not reported
Date Completed:	04/12/1990
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	09/19/1990
Date Completed:	09/19/1990
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	02/18/1991
Date Completed:	02/18/1991
Priority Level:	Not reported
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	06/19/1991
Priority Level:	Not reported
Action:	ADMINISTRATIVE RECORDS
Date Started:	04/15/1991
Date Completed:	09/11/1991
Priority Level:	Admin Record Compiled for a Remedial Event
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	04/19/1989
Date Completed:	09/11/1991
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported

TRW INC (Continued) **1000124242**

Date Completed: 09/11/1991
Priority Level: Final Remedy Selected at Site

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/11/1991
Date Completed: 09/11/1991
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/28/1992
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/11/1991
Date Completed: 09/16/1993
Priority Level: Not reported

Action: OPERATIONS AND MAINTENANCE
Date Started: 09/16/1993
Date Completed: Not reported
Priority Level: Not reported

Action: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: Not reported
Date Completed: 09/17/1993
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: Not reported
Date Completed: 09/29/1999
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 09/29/1999
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: Not reported
Date Completed: 09/30/2004
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 09/30/2004
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: Not reported
Priority Level: Not reported

TRW INC (Continued) **1000124242**

RCRAInfo:

Owner:	TRW INC (415) 555-1212
EPA ID:	CAD009159088
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

NPL:

EPA ID:	CAD009159088
EPA Region:	09
Federal:	General
Final Date:	02/21/1990

Category Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 100 Feet
Category Value:	500
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

TRW INC (Continued) **1000124242**

Site Details:

Site Name:	TRW MICROWAVE, INC (BUILDING 825)
Site Status:	Final
Status Date:	2/21/1990
Site City:	SUNNYVALE
Site State:	CA
Federal Site:	Not a Federal Facility
HRS Score:	31.94
GW Score:	55.26
SW Score:	Not reported
Air Score:	Not reported
Soil Score:	Not reported
DC Score:	Not reported
FE Score:	Not reported

Substance Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	A029
Substance:	DICHLOROBENZENE
CAS #:	25321-22-6
Pathway:	GROUND WATER PATHWAY
Scoring:	4

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	C049
Substance:	ETHYLBENZENE
CAS #:	100-41-4
Pathway:	NO PATHWAY INDICATED
Scoring:	1

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	C401
Substance:	TRICHLOROBENZENE
CAS #:	12002-48-1
Pathway:	GROUND WATER PATHWAY
Scoring:	3

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U079
Substance:	TRANS-DICHLOROETHYLENE, 1,2-
CAS #:	156-60-5
Pathway:	GROUND WATER PATHWAY
Scoring:	2

TRW INC (Continued) **1000124242**

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U226
Substance: TRICHLOROETHANE, 1,1,1-
CAS #: 71-55-6
Pathway: NO PATHWAY INDICATED
Scoring: 1

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U239
Substance: XYLENE
CAS #: 1330-20-7
Pathway: NO PATHWAY INDICATED
Scoring: 1

Summary Details:

Conditions at proposal June 24, 1988): The TRW Microwave, Inc. Building 825) Site is located at 825 Stewart Drive, Sunnyvale, Santa Clara County, California. Three other sites are nearby: Advanced Micro Devices, Inc., placed on the NPL in
June 1986; Signetics, Inc., proposed in October 1984 and later dropped); and Advanced Micro Devices, Inc. Building 915), also being proposed at this time. The sites are owned and operated by semiconductor/microprocessor manufacturers and have
contributed to a commingled plume of ground water contaminated with organic solvents that has migrated off the sites to the north. Contamination at Building 825 was first identified in April 1983 when a TRW contractor found up to 41,000 p
arts per billion ppb) of trichloroethylene TCE) in on-site wells. In May 1983, the California Regional Water Quality Control Board CRWQCB) found that ground water beneath the building was contaminated with dichloroben ene, tetrachloroethylen
e, TCE, acetone, N-butyl acetate, and xylene. Upgradient wells on the south side of the property showed only low levels of contamination, indicating that TRW is a point source of contamination. In September 1983, TRW excavated soil at th
e site, removed an underground tank, and transported the materials to a ha
ardous waste facility regulated under Subtitle C of the Resource Conservation and Recovery Act. However, CRWQCB found that these measures did not correct the ground wat

TRW INC (Continued) **1000124242**

er contamination problem. Contaminants from a leaking 750-gallon solvent storage tank at Building 825 have the potential to migrate to deeper drinking water aquifers. Municipal wells for Santa Clara and Mountain View tap a deep aquifer between 250 and 750 feet and serve an estimated 300,000 people. Imported surface drinking water is not considered an available alternative due to the size of the potentially affected population. On June 21, 1984, CRWQCB issued a Cleanup and Abatement Order under the California Water Code requiring TRW Microwave, Advanced Micro, and Signetics to develop a joint plan to prevent further migration of contaminants. Since October 1985, under CRWQCB supervision, TRW has been operating a system to pump out contaminated ground water on its site, treat it on-site in an air stripper, and discharge the treated water to Calabasas Creek and South San Francisco Bay. Status February 21, 1990): TRW Microwave, Signetics, and Advanced Micro Devices, Inc. AMD) have formed a group known as The Companies to clean up the contaminated commingled plume. They are operating a system to pump and treat the plume with an air stripper and carbon adsorption unit at AMDs Building 915 site. The Companies are conducting a remedial investigation/feasibility study RI/FI) to determine the type and extent of contamination and identify alternatives for remedial action at the AMD, Signetics, and TRW sites. AMD is conducting a separate RI/FS for its Building 915 site.

Site Status Details:

NPL Status:	Final
Proposed Date:	06/24/1988
Final Date:	02/21/1990
Deleted Date:	Not reported

Narratives Details:

NPL Name:	TRW MICROWAVE, INC (BUILDING 825)
City:	SUNNYVALE
State:	CA

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

NY MANIFEST:

Document ID:	NYA8014635
Manifest Status:	C
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	880926
Trans1 Recv Date:	880926
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	881006
Part A Recv Date:	881013
Part B Recv Date:	881013
Generator EPA ID:	CAD009159088
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES

TRW INC (Continued) **1000124242**

Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 88
Facility Type: Generator
EPA ID: CAD009159088
Facility Name: FEI MICROWAVE
Facility Address: 825 STEWART DRIVE
Facility City: SUNNYVALE
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: FEI MICROWAVE
Mailing Contact: Not reported
Mailing Address: 825 STEWART DRIVE
Mailing City: SUNNYVALE
Mailing State: CA
Mailing Zip: 94086
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 408-732-0880

US ENG CONTROLS:

EPA ID: CAD009159088
Site ID: 0901181
Name: TRW MICROWAVE, INC (BUILDING 825)
Address: 825 STEWART DR
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD009159088
Site ID: 0901181
Name: TRW MICROWAVE, INC (BUILDING 825)
Address: 825 STEWART DR
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD009159088
Site ID: 0901181
Name: TRW MICROWAVE, INC (BUILDING 825)
Address: 825 STEWART DR
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD009159088

TRW INC (Continued) **1000124242**

Site ID: 0901181
Name: TRW MICROWAVE, INC (BUILDING 825)
Address: 825 STEWART DR
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD009159088
Site ID: 0901181
Name: TRW MICROWAVE, INC (BUILDING 825)
Address: 825 STEWART DR
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD009159088
Site ID: 0901181
Name: TRW MICROWAVE, INC (BUILDING 825)
Address: 825 STEWART DR
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD009159088
Site ID: 0901181
Name: TRW MICROWAVE, INC (BUILDING 825)
Address: 825 STEWART DR
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/11/1991
Planned Complet. date: 09/30/1991
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Air Stripping

Map ID	Site	Database(s)	EDR ID Number / EPA ID Number
NPL **Region**	**ADVANCED MICRO DEVICES INCORPORATED** **915 DEGUIGNE DRIVE** **SUNNYVALE, CA 94086**	**CERCLIS** **FINDS** **HAZNET** **NPL** **RCRA-LQG** **TRIS** **ROD** **HIST UST** **EMI** **US ENG CONTROLS** **ENVIROSTOR** **HIST Cal-Sites**	**1000151494** **94088DVNCD91**

CERCLIS:
Site ID: 0902708
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
Contact Name: Robert Mandel
Contact Tel: (415) 972-3040
Contact Title: On-Scene Coordinator (OSC)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

Contact Name: Penelope McDaniel
Contact Tel: (415) 972-3178
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):
Alias Name: ADVANCED MICRO DEVICES #915
Alias Address: Not reported
CA
Alias Name: ADVANCED MICRO DEVICES DEGUINE
Alias Address: Not reported
CA
Alias Name: AMD 915 DEGUINE
Alias Address: Not reported
CA
Alias Name: ADVANCED MICRO DEVICES, INC. (BLDG. 915)
Alias Address: 915 DEGUIGNE
SUNNYVALE, CA 94086
Alias Name: ADVANCED MICRO DEVICES, INC. (BUILDING 915)
Alias Address: 915 DEGUIGNE
SUNNYVALE, CA 94086
Site Description: Not reported

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 06/30/1985
Priority Level: Not reported

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	06/01/1987
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	11/01/1987
Priority Level:	Low
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	06/24/1988
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	08/01/1988
Priority Level:	High
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	05/17/1989
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	08/02/1989
Date Completed:	08/02/1989
Priority Level:	Not reported
Action:	RISK/HEALTH ASSESSMENT
Date Started:	Not reported
Date Completed:	04/12/1990
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	07/02/1990
Date Completed:	07/02/1990
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	08/30/1990
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	02/07/1991
Date Completed:	02/07/1991
Priority Level:	Not reported
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	06/19/1991
Priority Level:	Not reported
Action:	ADMINISTRATIVE RECORDS
Date Started:	08/26/1991

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Date Completed: 08/26/1991
Priority Level: Admin Record Compiled for a Remedial Event

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 05/17/1989
Date Completed: 08/26/1991
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 08/26/1991
Priority Level: Final Remedy Selected at Site

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/26/1991
Date Completed: 08/26/1991
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 08/26/1991
Date Completed: 03/25/1992
Priority Level: Not reported

Action: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: Not reported
Date Completed: 03/25/1992
Priority Level: Not reported

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 03/26/1992
Priority Level: Not reported

Action: OPERATIONS AND MAINTENANCE
Date Started: 09/25/1992
Date Completed: Not reported
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: Not reported
Date Completed: 10/22/1992
Priority Level: Not reported

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 11/03/1995
Priority Level: Not reported

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 08/04/1997
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: Not reported
Date Completed: 09/29/1999
Priority Level: Not reported

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/29/1999
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	Not reported
Date Completed:	09/30/2004
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	09/30/2004
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	Not reported
Priority Level:	Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid: CAT080034234

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Contact: ADVANCED MICRO DEVICES INC.
Telephone: 4087322400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3453
Mailing City,St,Zip: SUNNYVALE, CA 940883453
Gen County: Santa Clara
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Tons: .4587
Facility County: Santa Clara

Gepaid: CAT080034234
Contact: ADVANCED MICRO DEVICES INC.
Telephone: 4087322400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3453
Mailing City,St,Zip: SUNNYVALE, CA 940883453
Gen County: Santa Clara
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Not reported
Tons: .2293
Facility County: Santa Clara

Gepaid: CAT080034234
Contact: ADVANCED MICRO DEVICES INC.
Telephone: 4087322400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3453
Mailing City,St,Zip: SUNNYVALE, CA 940883453
Gen County: Santa Clara
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 3.1729
Facility County: Santa Clara

Gepaid: CAT080034234
Contact: ADVANCED MICRO DEVICES INC.
Telephone: 4087322400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3453
Mailing City,St,Zip: SUNNYVALE, CA 940883453
Gen County: Santa Clara
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Asbestos-containing waste
Disposal Method: Transfer Station
Tons: .2500

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Facility County:	Santa Clara
Gepaid:	CAT080034234
Contact:	ADVANCED MICRO DEVICES INC.
Telephone:	4087322400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453
Mailing City,St,Zip:	SUNNYVALE, CA 940883453
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method:	Transfer Station
Tons:	.0959
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
363 additional CA_HAZNET: record(s) in the EDR Site Report.

NPL:

EPA ID:	CAT080034234
EPA Region:	09
Federal:	General
Final Date:	08/30/1990

Category Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 100 Feet
Category Value:	475
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

Site Details:

Site Name:	ADVANCED MICRO DEVICES, INC. (BUILDING 915)
Site Status:	Final
Status Date:	8/30/1990
Site City:	SUNNYVALE
Site State:	CA
Federal Site:	Not a Federal Facility
HRS Score:	31.94
GW Score:	55.26
SW Score:	Not reported
Air Score:	Not reported
Soil Score:	Not reported
DC Score:	Not reported
FE Score:	Not reported

Substance Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	A064
Substance:	CHLORODIFLUOROMETHANE
CAS #:	75-45-6
Pathway:	NO PATHWAY INDICATED
Scoring:	1
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	C401
Substance:	TRICHLOROBENZENE
CAS #:	12002-48-1
Pathway:	GROUND WATER PATHWAY
Scoring:	4
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U002
Substance:	ACETONE
CAS #:	67-64-1
Pathway:	NO PATHWAY INDICATED
Scoring:	1
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U228
Substance:	TRICHLOROETHYLENE (TCE)
CAS #:	79-01-6
Pathway:	NO PATHWAY INDICATED
Scoring:	1

Summary Details:

Conditions at proposal June 24, 1988): The Advanced Micro Devices, Inc. Building 915) Site covers 5.5 acres at 915 De Guigne Drive in Sunnyvale, Santa Clara County, California. The company manufactures semiconductor/microprocessor devices
on the site. Three other sites are nearby: Advanced Micro Devices, Inc., placed on the NPL in June 1986; Signetics, Inc., proposed in October 1984 and later dropped); and TRW Microwave, Inc. Building 825), also being proposed at this time.
The sites are owned and operated by semiconductor/microprocessor manufacturers and have contributed to a commingled plume of ground water contaminated with organic solvents. Building 915 was constructed on former agricultural land in 1
973. At that time, three underground acid neutrali ation tanks were installed to the north of the building. The building s operations also involved underground tanks for storage of waste organic solvents. In 1981, the company identified trich
loroben ene in wells near the building. High levels of other solvents, including trichloroethylene, were present in on-site soils. According to the

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

California Regional Water Quality Control Board CRWQCB), soil contamination resulted from leaking tanks and spills during the handling of solvents. Contamination from Building 915 has the potential to reach nearby deeper ground water 230-700 feet) that supplies municipal wells within 3 miles and provides drinking water to an estimated 201,000 people in Santa Clara, Sunnyvale, and Mountain View. In January 1982, the company completed removal of three tanks and approximately 5,600 yards of contaminated soil and transported the materials to a ha ardous waste facility regulated under Subtitle C of the Resource Conservation and Recovery Act RCRA). Since late 1982, Advanced Micro Devices and Signetics have operated a system to pump out contaminated ground water, treat it with activated carbon, and discharge the treatedwater to Calabasas Creek and South San Francisco Bay. On June 21, 1984, CRWQCB issued a Cleanup and Abatement Order under the California Water Code requiring Advanced Micro Devices, Signetics, and TRW Microwave to develop a joint plan preventing further contaminant migration. Since October 1985, under CRWQCB supervision, Advanced Micro Devices has been operating a system to pump out contaminated ground water, treat it by air stripping, and discharge the treated water to Calabasas Creek and South San Francisco Bay. In October 1986, the company submitted to CRWQCB a study of hydrogeological conditions and a plan for remedial action. This facility obtained Interim Status under Subtitle C of RCRA when it filed a Notification of Ha ardous Waste Activity and Part A of a permit application to treat, store, or dispose of ha ardous waste. Later, it withdrew its Part A and converted to generator-only status with EPA or State approval. Hence, it satisfies a component of EPA s NPL/RCRA policy. Status August 30, 1990): EPA and CRWQCB are reviewing a draft remedial investigation report submitted by Advanced Micro Devices. The facility now uses about 80 percent of the treated ground water as process water before it is discharged to the local sewage treatment system.

Site Status Details:

NPL Status:	Final
Proposed Date:	06/24/1988
Final Date:	08/30/1990
Deleted Date:	Not reported

Narratives Details:

NPL Name:	ADVANCED MICRO DEVICES, INC. (BUILDING 915)
City:	SUNNYVALE
State:	CA

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

RCRAInfo:
Owner: ADVANCED MICRO DEVICES INC.
(408) 732-2400
EPA ID: CAT080034234

Contact: ENVIRONMENTAL MANAGER
(408) 732-2400

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	14367.00	D002	51699.00
D007	50.00	D008	1987.00
D009	10.00	D011	223.00
D035	60.00	F003	16805.00
F005	60.00	U188	175.00

Violation Status: No violations found

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

HIST UST:
Region: STATE
Facility ID: 00000029792
Tank Num: 001
Container Num: TF6-503
Year Installed: 1982
Tank Capacity: 00001000
Facility Type: Other
Other Type: SEMICONDUCTOR
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Vapor Sniff Well, Sensor Instrument
Contact Name: DALE THRASHER
Telephone: 4087322400
Owner Name: ADVANCED MICRO DEVICES
Owner Address: 901 THOMPSON PL.
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000029792
Tank Num: 002
Container Num: TF3-701
Year Installed: 1983
Tank Capacity: 00002000
Facility Type: Other
Other Type: SEMICONDUCTOR
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument
Contact Name:	DALE THRASHER
Telephone:	4087322400
Owner Name:	ADVANCED MICRO DEVICES
Owner Address:	901 THOMPSON PL.
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000029792
Tank Num:	003
Container Num:	TF6-201
Year Installed:	1982
Tank Capacity:	00002600
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0010
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor
Contact Name:	DALE THRASHER
Telephone:	4087322400
Owner Name:	ADVANCED MICRO DEVICES
Owner Address:	901 THOMPSON PL.
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000029792
Tank Num:	004
Container Num:	TF4-301
Year Installed:	1982
Tank Capacity:	00002500
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0010
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor
Contact Name:	DALE THRASHER
Telephone:	4087322400
Owner Name:	ADVANCED MICRO DEVICES
Owner Address:	901 THOMPSON PL.
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000029792
Tank Num:	005
Container Num:	TF4-201
Year Installed:	1982
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0010
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	1/4 inches

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument
Contact Name:	DALE THRASHER
Telephone:	4087322400
Owner Name:	ADVANCED MICRO DEVICES
Owner Address:	901 THOMPSON PL.
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000029792
Tank Num:	006
Container Num:	TF6-101
Year Installed:	1982
Tank Capacity:	00006450
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0010
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor
Contact Name:	DALE THRASHER
Telephone:	4087322400
Owner Name:	ADVANCED MICRO DEVICES
Owner Address:	901 THOMPSON PL.
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000029792
Tank Num:	007
Container Num:	TF4-101
Year Installed:	1982
Tank Capacity:	00001500
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0010
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument
Contact Name:	DALE THRASHER
Telephone:	4087322400
Owner Name:	ADVANCED MICRO DEVICES
Owner Address:	901 THOMPSON PL.
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000029792
Tank Num:	008
Container Num:	P6-101
Year Installed:	1979
Tank Capacity:	00002000
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0010
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	3/16 inches

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Leak Detection: Stock Inventor, Groundwater Monitoring Well
Contact Name: DALE THRASHER
Telephone: 4087322400
Owner Name: ADVANCED MICRO DEVICES
Owner Address: 901 THOMPSON PL.
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000029792
Tank Num: 009
Container Num: P6-201
Year Installed: 1979
Tank Capacity: 00002000
Facility Type: Other
Other Type: SEMICONDUCTOR
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 3/16 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well
Contact Name: DALE THRASHER
Telephone: 4087322400
Owner Name: ADVANCED MICRO DEVICES
Owner Address: 901 THOMPSON PL.
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000029792
Tank Num: 010
Container Num: P3-101
Year Installed: 1973
Tank Capacity: 00001500
Facility Type: Other
Other Type: SEMICONDUCTOR
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Stock Inventor, Groundwater Monitoring Well
Contact Name: DALE THRASHER
Telephone: 4087322400
Owner Name: ADVANCED MICRO DEVICES
Owner Address: 901 THOMPSON PL.
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000029792
Tank Num: 011
Container Num: TF6-403
Year Installed: 1982
Tank Capacity: 00002000
Facility Type: Other
Other Type: SEMICONDUCTOR
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument
Contact Name:	DALE THRASHER
Telephone:	4087322400
Owner Name:	ADVANCED MICRO DEVICES
Owner Address:	901 THOMPSON PL.
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000029792
Tank Num:	012
Container Num:	TF3-601
Year Installed:	1983
Tank Capacity:	00001100
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0010
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor
Contact Name:	DALE THRASHER
Telephone:	4087322400
Owner Name:	ADVANCED MICRO DEVICES
Owner Address:	901 THOMPSON PL.
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000068615
Tank Num:	001
Container Num:	TF3-602
Year Installed:	1985
Tank Capacity:	00002500
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0001
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Sensor Instrument
Contact Name:	DAL THRASHER
Telephone:	4087494295
Owner Name:	ADVANCED MICRO DEVICES
Owner Address:	901 THOMPSON PLACE
Owner City,St,Zip:	SUNNYVALE, CA 94086

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	592
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	592
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	16
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	1993
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	592
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	592
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	12
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 592
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 12
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 592
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 592
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 592
Air District Name: BA
SIC Code: 3674

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 592
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 592
Air District Name: BA
SIC Code: 4931
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 592
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 18
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 5

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

NOX - Oxides of Nitrogen Tons/Yr: 38
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 15501
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 8
NOX - Oxides of Nitrogen Tons/Yr: 6
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 15501
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.827
Reactive Organic Gases Tons/Yr: 1.3443721
Carbon Monoxide Emissions Tons/Yr: 8.239
NOX - Oxides of Nitrogen Tons/Yr: 4.432
SOX - Oxides of Sulphur Tons/Yr: 0.04
Particulate Matter Tons/Yr: 0.301
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.289054

US ENG CONTROLS:

EPA ID: CAT080034234
Site ID: 0902708
Name: ADVANCED MICRO DEVICES, INC. (BUILDING 915)
Address: 915 DEGUIGNE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080034234
Site ID: 0902708
Name: ADVANCED MICRO DEVICES, INC. (BUILDING 915)
Address: 915 DEGUIGNE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Event Code:	Not reported
Actual Date:	Not reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	08/26/1991
Planned Complet. date:	09/30/1991
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Discharge

ENVIROSTOR:

Site Type:	Federal Superfund
Site Type Detailed:	State Response or NPL
Acres:	Not reported
NPL:	YES
Regulatory Agencies:	RWQCB
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360095
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1989-01-10 00:00:00
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.3862027777778
Longitude:	-122.006702777778
Alias Name:	P23072 CAT080034234 ADVANCED MICRO DEVICES # 915 ADVANCED MICRO DEVICES (BUILDING 915) AMD 915 DEGUIGNE 43360095
Alias Type:	PCode EPA Identification Number Alternate Name Alternate Name Alternate Name Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported

ADVANCED MICRO DEVICES INCORPORATED (Continued) **1000151494**

Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

HISTORICAL CAL-SITES:

Facility ID:	43360095
Region:	2
Region Name:	BERKELEY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	01101989
Status:	REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Name:	PROPERTY/SITE REFERRED TO RWQCB
Lead Agency:	RWQCB
Lead Agency:	REGIONAL WATER QUALITY CONTROL BOARD
Facility Type:	NPRP
Type Name:	NPL SITE, RP-FUNDED
NPL:	Listed
SIC Code:	36
SIC Name:	MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	Not reported
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	Not reported
Region Water Control Board Name:	Not reported
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	22
State Senate District Code:	13

Click this hyperlink while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

NPL Region	**SOUTH BAY ASBESTOS AREA FT OF LIBERTY ST GUADALUPE RIV SANTA CLARA, CA 95054**	**CERCLIS FINDS NPL Cortese ROD DEED US ENG CONTROLS US INST CONTROL ENVIROSTOR HIST Cal-Sites**	**1000405018 CAD980894885**

CERCLIS:

Site ID:	0902250
Federal Facility:	Not a Federal Facility
NPL Status:	Currently on the Final NPL
Non NPL Status:	Not reported

CERCLIS Site Contact Name(s):

Contact Name:	Eric Yunker
Contact Tel:	(415) 972-3159
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Steven Calanog
Contact Tel:	(415) 972-3075
Contact Title:	On-Scene Coordinator (OSC)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jeff Inglis
Contact Tel:	(415) 972-3095
Contact Title:	Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):

Alias Name:	ALVISO AREA
Alias Address:	W OF INTER OF LIBERTY & MOFFAT ALVISO, CA 95002
Alias Name:	ALVISO (PREVIOUS NAME)
Alias Address:	Not reported CA
Alias Name:	SOUTH BAY ASBESTOS AREA
Alias Address:	FT OF LIBERTY ST GUADALUPE RIV SANTA CLARA, CA 95054
Alias Name:	SOUTH BAY ASBESTOS AREA
Alias Address:	FT OF LIBERTY ST GUADALUPE RIV ALVISO, CA 95002

Site Description: PORTIONS OF ALVISO, CA IN SANTA CLARA CO SERVED AS A DUMPINGAREA FOR OVER 30 YRS.ASBESTOS WASTE WAS DUMPED AT AN OLD LDFL & USED AS A FILL MTRL IN VARIOUS LOCATIONS THROUGHOUT THE TOWN.SOIL AT LDFL & AROUND HOMES CONTAIN ASBESTOS.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	11/01/1983
Priority Level:	Not reported
Action:	HAZARD RANKING SYSTEM PACKAGE

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Date Started: Not reported
Date Completed: 04/01/1984
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 04/01/1984
Priority Level: High

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 04/01/1984
Priority Level: High

Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 10/15/1984
Priority Level: Not reported

Action: REMOVAL
Date Started: 10/14/1985
Date Completed: 05/20/1986
Priority Level: Stabilized

Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 06/10/1986
Priority Level: Not reported

Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 08/15/1985
Date Completed: 11/01/1986
Priority Level: Not reported

Action: REMOVAL
Date Started: 05/28/1987
Date Completed: 07/06/1987
Priority Level: Stabilized

Action: Special Notice Issued
Date Started: Not reported
Date Completed: 08/08/1988
Priority Level: Not reported

Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/11/1985
Date Completed: 09/29/1988
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/29/1988
Priority Level: Not reported

Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/11/1985
Date Completed: 09/29/1989

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/29/1989
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 07/02/1990
Date Completed: 07/02/1990
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 08/08/1988
Date Completed: 09/04/1990
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 02/26/1991
Date Completed: 02/26/1991
Priority Level: Not reported

Action: RECORD OF DECISION AMENDMENT
Date Started: Not reported
Date Completed: 06/26/1991
Priority Level: Not reported

Action: Special Notice Issued
Date Started: Not reported
Date Completed: 06/28/1991
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/28/1991
Date Completed: 09/30/1991
Priority Level: Not reported

Action: REMEDIAL DESIGN
Date Started: 09/14/1989
Date Completed: 09/30/1991
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 09/30/1991
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 09/16/1990
Date Completed: 10/28/1991
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 05/04/1992
Priority Level: Not reported

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	09/30/1991
Date Completed:	05/11/1992
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE GRANT
Date Started:	06/18/1992
Date Completed:	Not reported
Priority Level:	Not reported
Action:	PREPARATION OF COST DOCUMENT PACKAGE
Date Started:	Not reported
Date Completed:	01/21/1993
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	05/11/1992
Date Completed:	09/30/1993
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	12/03/1992
Date Completed:	10/15/1993
Priority Level:	Not reported
Action:	Explanation Of Significant Differences
Date Started:	Not reported
Date Completed:	11/18/1993
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	09/22/1997
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	09/22/1997
Priority Level:	Not reported
Action:	PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started:	Not reported
Date Completed:	09/23/1998
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	10/15/1993
Date Completed:	09/30/1998
Priority Level:	Not reported
Action:	COMMUNITY INVOLVEMENT
Date Started:	12/09/1985
Date Completed:	09/30/1998
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Date Completed: 03/11/1999
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 05/05/2000
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: 05/01/2000
Date Completed: 09/29/2000
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 09/29/2000
Priority Level: Not reported

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 01/09/2002
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 10/04/2001
Date Completed: 04/22/2002
Priority Level: Not reported

Action: REMOVAL
Date Started: 10/27/2003
Date Completed: 11/04/2003
Priority Level: Cleaned up

Action: ADMINISTRATIVE RECORDS
Date Started: 11/06/2003
Date Completed: 11/06/2003
Priority Level: Admin Record Compiled for a Removal Event

Action: FIVE-YEAR REVIEW
Date Started: 03/31/2005
Date Completed: 09/27/2005
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 09/27/2005
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: Not reported
Priority Level: Not reported

FINDS:
Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NPL:

EPA ID:	CAD980894885
EPA Region:	09
Federal:	General
Final Date:	06/10/1986

Category Details:

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 10 And <= 25 Feet
Category Value:	14

Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

Site Details:

Site Name:	SOUTH BAY ASBESTOS AREA
Site Status:	Final
Status Date:	6/10/1986
Site City:	ALVISO
Site State:	CA
Federal Site:	Not a Federal Facility
HRS Score:	44.68
GW Score:	22.87
SW Score:	16.73
Air Score:	71.92
Soil Score:	Not reported
DC Score:	Not reported
FE Score:	Not reported

Substance Details:

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: AIR PATHWAY
Scoring: 4

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: GROUND WATER PATHWAY
Scoring: 3

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: SURFACE WATER PATHWAY
Scoring: 3

Summary Details:

Conditions at proposal October 15, 1984): Portions of Alviso, California, located in north Santa Clara County on the southern edge of the San Francisco Bay, served as dumping areas for over 30 years. Companies disposed of asbestos waste in an old municipal landfill. In addition, asbestos waste was used for fill material at various locations throughout the town. The site was first proposed for listing under the name Alviso Dumping Areas. Soil in the old landfill and around homes contains asbestos, according to tests conducted by the State. Construction activities and wind action stir up asbestos-laden dust, posing a potential health risk to residents. EPA and the State plan to continue sampling the soil and air throughout the l-square-mile area to determine the degree of risk to public health. Evening winds may transport asbestos to the San Francisco Bay National Wildlife Refuge, which borders the town and harbors several endangered species. Status June 10, 1986): In July l985, EPA entered into an Interagency Agreement with the U.S. Army Corps of Engineers to conduct a remedial investigation/feasibility study to determine the extent of contamination at the site and identify alternatives for remedial action. The remedial investigation is scheduled to begin in the spring of 1986. In October 1985, two areas of the town were paved to prevent exposure of residents to potentially significant levels of asbestos

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

fibers. Additional measures are being considered to further reduce exposures to asbestos fibers.

Site Status Details:

NPL Status:	Final
Proposed Date:	10/15/1984
Final Date:	06/10/1986
Deleted Date:	Not reported

Narratives Details:

NPL Name:	SOUTH BAY ASBESTOS AREA
City:	ALVISO
State:	CA

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

DEED:

Area:	OU 1-MAIN SITE
Sub Area:	LEGACY
Site Type:	FEDERAL SUPERFUND
Status:	ACTIVE
Deed Date(s):	10/21/04

US ENG CONTROLS:

EPA ID:	CAD980894885
Site ID:	0902250
Name:	SOUTH BAY ASBESTOS AREA
Address:	FT OF LIBERTY ST GUADALUPE RIV ALVISO, CA 95002
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD980894885
Site ID:	0902250
Name:	SOUTH BAY ASBESTOS AREA
Address:	FT OF LIBERTY ST GUADALUPE RIV ALVISO, CA 95002
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD980894885
Site ID:	0902250
Name:	SOUTH BAY ASBESTOS AREA
Address:	FT OF LIBERTY ST GUADALUPE RIV ALVISO, CA 95002
EPA Region:	09

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

EPA ID:	CAD980894885
Site ID:	0902250
Name:	SOUTH BAY ASBESTOS AREA
Address:	FT OF LIBERTY ST GUADALUPE RIV ALVISO, CA 95002
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD980894885
Site ID:	0902250
Name:	SOUTH BAY ASBESTOS AREA
Address:	FT OF LIBERTY ST GUADALUPE RIV ALVISO, CA 95002
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

Action ID:	002
Action Name:	Explanation Of Significant Differences
Action Completion date:	11/18/1993
Planned Complet. date:	12/31/1993
Operable Unit:	01
Contaminated Media :	Soil
Engineering Control:	Disposal

US INST CONTROL:

EPA ID:	CAD980894885
Site ID:	0902250
Name:	SOUTH BAY ASBESTOS AREA
Action Name:	PRP RA
Address:	FT OF LIBERTY ST GUADALUPE RIV ALVISO, CA 95002
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Inst. Control:	Deed Restriction
Actual Date:	Not reported
Planned Complet. Date:	09/30/1993
Complet. Date:	09/30/1993
Operable Unit:	02
Contaminated Media :	Soil

EPA ID:	CAD980894885
Site ID:	0902250
Name:	SOUTH BAY ASBESTOS AREA
Action Name:	RECORD OF DECISION
Address:	FT OF LIBERTY ST GUADALUPE RIV ALVISO, CA 95002
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Inst. Control:	Institutional Controls, (N.O.S.)
Actual Date:	Not reported
Planned Complet. Date:	09/30/1988

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Complet. Date: 09/29/1988
Operable Unit: 01
Contaminated Media : Air

EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Action Name: RECORD OF DECISION
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Planned Complet. Date: 09/30/1989
Complet. Date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil

ENVIROSTOR:
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 550
NPL: YES
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay, US EPA, CITY OF SAN JOSE
Lead Agency: CITY OF SAN JOSE,RWQCB 2 - San Francisco Bay,SMBRP,US EPA
Program Manager: PATRICK LEE
Supervisor: MARK PIROS
Division Branch: North Coast
Facility ID: 43490060
Site Code: 200091
Assembly: 22
Senate: 10
Special Program: EPA - Multi-Site Cooperative Agreement
Status: **Active**
Status Date: 1984-01-01 00:00:00
Restricted Use: YES
Funding: Responsible Party
Latitude: 37.4410583333333
Longitude: -121.982544444444
Alias Name: 200091
P21003
COLLISHAW PROPERTY
HIGHWAY 237 DISPOSAL SITE
LEGACY PARTNERS
RING LEVEE SCHEDULE
SAINTE CLAIRE LANDFILL
SANTOS LANDFILL
SOUTH BAY ASBESTOS AREA (ALVISO)
SUMMERSET MOBILE ESTATES
43490060
legacy -15--34-27,15-34-28,15-34-81,15-34-82,15-34-83,15-34-84,15-34-90
Alias Type: Project Code (Site Code)
PCode
Alternate Name
Alternate Name

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Alternate Name
Alternate Name
Alternate Name
Alternate Name
Alternate Name
Alternate Name
Calsites ID Number
APN

APN:	legacy -15--34-27,15-34-28,15-34-81,15-34-82,15-34-83,15-34-84,15-34-90
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
Comments:	Completed RA.Completed RA. In July 1993, US EPA and the responsible parties encapsulated the asbestos contaminated fill in a Highway 237 embankment under construction.Issued ROD for the Ring Levee Operable Unit (OU) requiring removal of the entire levee, after flood control improvements on the Coyote Creek were completed.Issued Record of Decision (ROD) for the truckyards/landfill requiring that sampling be conducted on these properties followed by capping or soil removal.Recorded Deed Restrictions.Fact sheet updates the community on the status of the project and the proposed plan to remove the temporay replacement levees.Issued Orders to four of the Truckyard owners requiring them to pave their respective yards. By late 1992, three of the truckyards removed all asbestos contaminated fill to residential levels. For Neu Truck Yard, the remaining truck yard property,the US EPA will be conducting soil sampling to determine what further action is required.
Completed Area Name:	OU-2 -Ring Levee
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	1997-05-27 00:00:00
Completed Area Name:	OU-2 -Ring Levee
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	1994-01-06 00:00:00
Completed Area Name:	OU 1-Main Site
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan
Completed Date:	1991-06-26 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan
Completed Date:	1989-09-29 00:00:00
Completed Area Name:	OU-2 -Ring Levee
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan
Completed Date:	1988-09-29 00:00:00
Completed Area Name:	OU 1-Main Site
Completed Sub Area Name:	Legacy
Completed Document Type:	Remedial Investigation / Feasibility Study
Completed Date:	1989-02-27 00:00:00
Completed Area Name:	OU-2 -Ring Levee
Completed Sub Area Name:	Not reported

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 1986-04-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 1986-03-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 2006-06-02 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 1996-07-01 00:00:00
Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Not reported
Completed Document Type: * Remedial Action Order
Completed Date: 1991-09-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 1991-08-05 00:00:00
Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Legacy
Completed Document Type: Deed Restriction / Land Use Covenant
Completed Date: 2004-10-21 00:00:00
Confirmed: 30002
Confirmed Description: Asbestos and Naturally Occurring Asbestos (NOA)
Future Area Name: OU 1-Main Site
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2007
Media Affected: SOIL
Media Affected Desc: Soil
Management Required: FOUN, DAY, HOS, LUC, NOWN, NSUB, SCH, RES
Management Required Desc: Check for cracks in foundation
Management Required Desc: Day care center prohibited
Management Required Desc: Hospital use prohibited
Management Required Desc: Land Use covenant
Management Required Desc: Notify after change of property owner
Management Required Desc: Notify prior to subsurface work
Management Required Desc: Public or private school for persons under 21 prohibited
Management Required Desc: Residence use prohibited
Potential: 30002
Potenital Description: Asbestos and Naturally Occurring Asbestos (NOA)
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: LANDFILL - DOMESTIC

HISTORICAL CAL-SITES:
Facility ID: 43490060
Region: 2
Region Name: BERKELEY
Branch: NC

SOUTH BAY ASBESTOS AREA (Continued) **1000405018**

Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 01011984
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: EPA
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
Facility Type: NPRP
Type Name: NPL SITE, RP-FUNDED
NPL: Listed
SIC Code: 49
SIC Name: ELECTRIC, GAS & SANITARY SERVICES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
Staff Member Responsible for Site: PLEE1
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22
State Senate District Code: 10

Click this hyperlink while viewing on your computer to access
additional CA_CALSITE: detail in the EDR Site Report.

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1 **ESL INCORPORATED** **LUST** **S107995833**
1345 CROSSMAN AVE **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W18A01f
Closed Date: 3/11/1991
Lop Number: 06-082

---

1 **ESL INCORPORATED** **LUST** **S102429273**
1345 CROSSMAN AVE **Cortese** **N/A**
SUNNYVALE, CA 94089 **HIST LUST**

LUST:
Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: NOR
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608500553

ESL INCORPORATED (Continued) **S102429273**

Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1986-06-26 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1991-03-11 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1986-06-26 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Diesel
Contact Person:	Not reported
Responsible Party:	Tom Pochylski
RP Address:	1330 Geneva Dr.-Bldg. M-4
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	ZSC
Staff Initials:	CW
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W18A01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed

ESL INCORPORATED (Continued) **S102429273**

Facility Id: Not reported
Case Number: 06S1W18A01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 6/26/1986
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 1345 CROSSMAN DR

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W18A01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1987-01-01 00:00:00
Closed Date: 1991-03-11 00:00:00

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2 **COMPAQ COMPUTER CO.** **HAZNET** **S104572096**
632 E CARIBBEAN DR **N/A**
SUNNYVALE, CA 94089

HAZNET:
Gepaid: CAC002215097
Contact: COMPAC COMPUTER CO
Telephone: 4087473773
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 632 E CARIBBEAN DR
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Tons: 0.1668
Facility County: Santa Clara

3 **BALL A C CO**
141 CASPIAN CT
SUNNYVALE, CA 94086

RCRA-SQG
FINDS
RCRA-TSDF
CORRACTS
CERC-NFRAP

1000273602
CAD009225434

RCRAInfo Corrective Action Summary:

Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
Event Date: Not reported

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 05/16/1991

RCRAInfo:

Owner: A.C. BALL COMPANY
(408) 734-9220
EPA ID: CAD009225434

Contact: Not reported

Classification: TSDF
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CORRACTS:

EPA ID: CAD009225434
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 05/16/1991
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 332994 332995 336399 336413
Small Arms Manufacturing
Other Ordnance and Accessories Manufacturing
All Other Motor Vehicle Parts Manufacturing
Other Aircraft Parts and Auxiliary Equipment Manufacturing

EPA ID: CAD009225434
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: Not reported
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
NAICS Code(s): 332994 332995 336399 336413

BALL A C CO (Continued) **1000273602**

Small Arms Manufacturing
Other Ordnance and Accessories Manufacturing
All Other Motor Vehicle Parts Manufacturing
Other Aircraft Parts and Auxiliary Equipment Manufacturing

CERC-NFRAP:

Site ID:	0900361
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	08/24/1990
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	02/11/1991
Priority Level:	Deferred to RCRA (Subtitle C)
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	05/16/1991
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	05/16/1991
Priority Level:	Not reported

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3 **ESL AC BALL COURSON COMPA** **HAZNET** **S101482365**
141 CASPIAN **Cortese** **N/A**
SUNNYVALE, CA 94089 **ENVIROSTOR**

HAZNET:

Gepaid:	CAC000715120
Contact:	A C BALL COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	141 CASPIAN COURT
Mailing City,St,Zip:	SUNNYVALE, CA 940880000
Gen County:	Santa Clara
TSD EPA ID:	WAD009477175

ESL AC BALL COURSON COMPA (Continued) **S101482365**

TSD County: 99
Waste Category: Organic solids with halogens
Disposal Method: Recycler
Tons: 1.6500
Facility County: Santa Clara

Gepaid: CAC001050544
Contact: ALFRED AND MAY BALL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 205 ELEANOR DRIVE
Mailing City,St,Zip: WOODSIDE, CA 940620000
Gen County: Santa Clara
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 2.5000
Facility County: Santa Clara

Gepaid: CAC000715120
Contact: A C BALL COMPANY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 141 CASPIAN COURT
Mailing City,St,Zip: SUNNYVALE, CA 940880000
Gen County: Santa Clara
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Land Fill
Tons: 30.5340
Facility County: Santa Clara

Cortese:
Region: CORTESE
Facility Addr2: Not reported

Region: CORTESE
Facility Addr2: Not reported

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: HWMP
Lead Agency: HWMP
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360119
Site Code: Not reported
Assembly: 22

ESL AC BALL COURSON COMPA (Continued) **S101482365**

Senate: 13
Special Program: Not reported
Status: Refer: RCRA
Status Date: 1991-10-01 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.4136111111111
Longitude: -122.018333333333
Alias Name: 43360119
Alias Type: Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1991-10-01 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003, 10009, 10179
Potenital Description: * HALOGENATED SOLVENTS
Potenital Description: * HYDROCARBON SOLVENTS
Potenital Description: * Sludge - Paint
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

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4 **LOCKHEED MISSLES & SPACE CO** **RCRA-SQG** **1000270355**
641 BALTIC WAY **FINDS** **CAD981626237**
SUNNYVALE, CA 94088 **HAZNET**

RCRAInfo:
Owner: LOCKHEED M & S CO
(415) 555-1212
EPA ID: CAD981626237

Contact: ENVIRONMENTAL MANAGER
(408) 742-7661

Classification: Small Quantity Generator
TSDF Activities: Not reported

LOCKHEED MISSLES & SPACE CO (Continued) **1000270355**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAD981626237
Contact: LOCKHEED MISSILES & SPACE CO B
Telephone: 4087428696
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: NCD000648451
TSD County: 99
Waste Category: Off-specification, aged, or surplus inorganics
Disposal Method: Not reported
Tons: .0100
Facility County: Santa Clara

Gepaid: CAD981626237
Contact: LOCKHEED MISSILES & SPACE CO B
Telephone: 4087428696
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAD070184832
TSD County: 0
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0467
Facility County: Santa Clara

Gepaid: CAD981626237
Contact: LOCKHEED MISSILES & SPACE CO B
Telephone: 4087428696
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAD070148432
TSD County: 1
Waste Category: Photochemicals/photoprocessing waste

LOCKHEED MISSLES & SPACE CO (Continued) **1000270355**

Disposal Method:	Treatment, Incineration
Tons:	.0623
Facility County:	Santa Clara

Gepaid:	CAD981626237
Contact:	LOCKHEED MISSILES & SPACE CO B
Telephone:	4087428696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3504
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	UTD991301748
TSD County:	99
Waste Category:	Laboratory waste chemicals
Disposal Method:	Transfer Station
Tons:	.0035
Facility County:	Santa Clara

Gepaid:	CAD981626237
Contact:	LOCKHEED MISSILES & SPACE CO B
Telephone:	4087428696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3504
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	CAD981388952
TSD County:	Shasta
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	2.5000
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
28 additional CA_HAZNET: record(s) in the EDR Site Report.

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4 **ROLM CORP**
611 BALTIC WY
SUNNYVALE, CA 94089

RCRA-SQG **1000294093**
FINDS **CAD981170038**

RCRAInfo:

Owner:	ROLM CORP (415) 555-1212
EPA ID:	CAD981170038
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

ROLM CORP (Continued) **1000294093**

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

4
TRW ELECTROMAGNETIC SYSTEMS
611 BALTIC WAY
SUNNYVALE, CA 94089
RCRA-LQG **1007200006**
CAL000045656

RCRAInfo:

Contact: TOM POCHYLSKI
(408) 743-6101

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

5
ESL
1330 GENEVA DR
SUNNYVALE, CA 94089
HAZNET **S102429274**
LUST **N/A**
Cortese

HAZNET:

Gepaid:	CAC002554696
Contact:	DAN HOFFMAN
Telephone:	4088226695
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	495 E JAVA DR
Mailing City,St,Zip:	SUNNYVALE, CA 94089
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	2.52
Facility County:	Not reported

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Federal
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Structure Failure

ESL (Continued) **S102429274**

Leak Source: Tank
Global Id: T0608500552
Stop Date: 1989-10-16 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1990-05-22 00:00:00
Discover Date: 1989-10-16 00:00:00
Enforcement Dt: Not reported
Release Date: 1989-10-16 00:00:00
Review Date: 1989-12-21 00:00:00
Enter Date: 1989-12-27 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MEJ
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-0503
Case Number: 43-0507
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 5/17/96 CONTROL NO 120-053 SRC 0904703

ESL (Continued) **S102429274**

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	43-0507
Case Number:	43-0503
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Cortese:

Region:	CORTESE
Facility Addr2:	1330 GENEVA DR

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6 **ACCURAY INCORPORATED**
1310 ORLEANS DRIVE
SUNNYVALE, CA 94089

RCRA-SQG **1008402408**
HAZNET **CAR000164889**

RCRAInfo:

Owner:	ACCURAY INCORPORATED
EPA ID:	CAR000164889
Contact:	STEPHEN STRUNK 408-716-4600
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

HAZNET:

Gepaid:	CAR000164889
Contact:	STEPHEN J STRUNK
Telephone:	4087164600
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1310 ORLEANS DRIVE
Mailing City,St,Zip:	SUNNYVALE, CA 940891135
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.21
Facility County:	Not reported

6 **LOCKHEED**
1341 ORLEANS
SUNNYVALE, CA 94088

RCRA-SQG **1000270357**
FINDS **CAD981626419**
HAZNET

RCRAInfo:

Owner:	LOCKHEED (510) 555-1212
EPA ID:	CAD981626419
Contact:	JAMES SEAVER (408) 742-7661
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD981626419
Contact:	LOCKHEED MISSILES & SPACE CO
Telephone:	4087428696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Treatment, Incineration
Tons:	.0040
Facility County:	Santa Clara

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6 **ULTRA SYSTEMS**
1330 ORLEANS DRIVE
SUNNYVALE, CA 94089

RCRA-SQG **1000352602**
FINDS **CAD981626518**

ULTRA SYSTEMS (Continued) **1000352602**

RCRAInfo:

Owner:	ETNA PROPERTY SERVICE (415) 555-1212
EPA ID:	CAD981626518
Contact:	ENVIRONMENTAL MANAGER (408) 747-1821
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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7 **CONSOLIDATED FREIGHTWAYS, INC.** **LUST** **S107995691**
1319 MOFFETT PARK DR **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W17E01f
Closed Date:	1/25/1996
Lop Number:	07-071

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7 **LOCKHEED MISSILES & SPACE CO** **RCRA-SQG** **1000270379**
1329 MOFFETT PARK DR **FINDS** **CAD982526469**
SUNNYVALE, CA 94089 **HAZNET**
EMI

RCRAInfo:

Owner:	LOCKHEED LMSC (408) 555-1212
EPA ID:	CAD982526469
Contact:	H KIRK WILLARD (408) 742-0243
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

LOCKHEED MISSILES & SPACE CO (Continued) **1000270379**

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD982526469
Contact: LOCKHEED MISSILES AND SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAD070148432
TSD County: 1
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: .0831
Facility County: Santa Clara

Gepaid: CAD982526469
Contact: LOCKHEED MISSILES AND SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAD070148432
TSD County: 1
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0083
Facility County: Santa Clara

Gepaid: CAD982526469
Contact: LOCKHEED MISSILES AND SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAD070148832
TSD County: 0
Waste Category: Photochemicals/photoprocessing waste

LOCKHEED MISSILES & SPACE CO (Continued) **1000270379**

Disposal Method:	Not reported
Tons:	.0166
Facility County:	Santa Clara

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2904
Air District Name:	BA
SIC Code:	3761
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Map ID	Site	Database(s)	EDR ID Number EPA ID Number
7	**HONEYWELL INTERNATIONAL** **1349 MOFFETT PARK DR** **SUNNYVALE, CA 94088**	**FINDS** **HAZNET** **RCRA-LQG** **EMI** **CA WDS**	**1001126642** **CAR000017079**

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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HAZNET:

Gepaid:	CAR000017079
Contact:	EHE EFFIOM
Telephone:	4089622355
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	3500 GARRETT DR
Mailing City,St,Zip:	SANTA CLARA, CA 950542827
Gen County:	Santa Clara

HONEYWELL INTERNATIONAL (Continued) **1001126642**

TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Tons: 0.02
Facility County: Not reported

Gepaid: CAR000017079
Contact: EHE EFFIOM
Telephone: 4089622355
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3500 GARRETT DR
Mailing City,St,Zip: SANTA CLARA, CA 950542827
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Empty containers less than 30 gallons
Disposal Method: Not reported
Tons: 0.32
Facility County: Not reported

Gepaid: CAR000017079
Contact: EHE EFFIOM
Telephone: 4089622355
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3500 GARRETT DR
Mailing City,St,Zip: SANTA CLARA, CA 950542827
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Waste oil and mixed oil
Disposal Method: Treatment, Incineration
Tons: 0.1
Facility County: Not reported

Gepaid: CAR000017079
Contact: EHE EFFIOM
Telephone: 4089622355
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3500 GARRETT DR
Mailing City,St,Zip: SANTA CLARA, CA 950542827
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Alkaline solution without metals (pH > 12.5)
Disposal Method: Not reported
Tons: 0.22
Facility County: Not reported

Gepaid: CAR000017079
Contact: EHE EFFIOM
Telephone: 4089622355
Facility Addr2: Not reported
Mailing Name: Not reported

HONEYWELL INTERNATIONAL (Continued) **1001126642**

Mailing Address: 3500 GARRETT DR
Mailing City,St,Zip: SANTA CLARA, CA 950542827
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Not reported
Disposal Method: Treatment, Incineration
Tons: 0
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
120 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: ALLIEDSIGNAL INC
(201) 455-2000
EPA ID: CAR000017079

Contact: RONALD HOPKINS
(408) 562-0315

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	24506.00	D002	7302.00
D004	6457.00	F003	21768.00
F005	21703.00		

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 12/16/2003
Actual Date Achieved Compliance: 01/10/2004

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/16/2003
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20040110

EMI:
Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 11331
Air District Name: BA
SIC Code: 4931
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0

HONEYWELL INTERNATIONAL (Continued) **1001126642**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 11331
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 11331
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 11331
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.329
Reactive Organic Gases Tons/Yr: 0.2738111
Carbon Monoxide Emissions Tons/Yr: 0.255
NOX - Oxides of Nitrogen Tons/Yr: 1.173
SOX - Oxides of Sulphur Tons/Yr: 0.018
Particulate Matter Tons/Yr: 0.084
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.081984

HONEYWELL INTERNATIONAL (Continued) **1001126642**

CA WDS:

Facility ID:	San Francisco Bay 43I013416
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	ALLIED SIGNAL INC
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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8 **ORBIT SEMICONDUCTOR, INC.**
1230 BORDEAUX DR
SUNNYVALE, CA 94089

FINDS
HAZNET
RCRA-LQG
EMI
CA WDS
ENVIROSTOR

1000474515
CAT080012008

FINDS:

Other Pertinent Environmental Activity Identified at Site

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TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

HAZNET:

Gepaid: CAT080012008
Contact: ORBIT SEMICONDUCTOR INC
Telephone: 4087441800
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 169 JAVA DR
Mailing City,St,Zip: SUNNYVALE, CA 940891016
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Tons: .5250
Facility County: Santa Clara

Gepaid: CAT080012008
Contact: ORBIT SEMICONDUCTOR INC
Telephone: 4087441800
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 169 JAVA DR
Mailing City,St,Zip: SUNNYVALE, CA 940891016
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: .1250
Facility County: Santa Clara

Gepaid: CAT080012008
Contact: ORBIT SEMICONDUCTOR INC
Telephone: 4087441800
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 169 JAVA DR
Mailing City,St,Zip: SUNNYVALE, CA 940891016
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: .0500
Facility County: Santa Clara

Gepaid: CAT080012008
Contact: ORBIT SEMICONDUCTOR INC
Telephone: 4087441800
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 169 JAVA DR
Mailing City,St,Zip: SUNNYVALE, CA 940891016
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Disposal Method:	Disposal, Other
Tons:	.1251
Facility County:	Santa Clara
Gepaid:	CAT080012008
Contact:	ORBIT SEMICONDUCTOR INC
Telephone:	4087441800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	169 JAVA DR
Mailing City,St,Zip:	SUNNYVALE, CA 940891016
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Disposal, Other
Tons:	.5087
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
102 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAT080012008
Contact:	Not reported
Classification:	Large Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2294
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2294
Air District Name:	BA
SIC Code:	3674

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2294
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2294
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2294
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 26
Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 0

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11751
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11751
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11751
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2001

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11751
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11751
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11751
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

CA WDS:

Facility ID:	San Francisco Bay 43I018097
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 9492314535
Facility Contact: Michael Gooch
Agency Name: SKY WORKS SOLUTIONS INC
Agency Address: 1230 Bordeaux Dr
Agency City,St,Zip: Sunnyvale 940891202
Agency Contact: Michael Gooch
Agency Telephone: 9492314535
Agency Type: ?
SIC Code: Not reported
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: Not reported
Baseline Flow: Not reported
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360133
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Inactive - Needs Evaluation**
Status Date: 1999-04-16 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.41
Longitude: -122.023055555556
Alias Name: 43360133
Alias Type: Calsites ID Number

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potenital Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

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9 **ACCURAY INCORPORATED** **RCRA-SQG** **1009398370**
1310 CHESAPEAKE TERRACE **CAR000174003**
SUNNYVALE, CA 94089

RCRAInfo:
Owner: ACCURAY INCORPORATED
EPA ID: CAR000174003

Contact: STEPHEN STRUNK
408-716-4600

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

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10 **SOBRATO DEVELOPMENT COMPANIES** **EMI** **S105162289**
1271 REAMWOOD AVENUE **ENVIROSTOR** **N/A**
SUNNYVALE, CA 94086

EMI:
Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1420
Air District Name: BA
SIC Code: 3662
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 2

SOBRATO DEVELOPMENT COMPANIES (Continued) **S105162289**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11995
Air District Name:	BA
SIC Code:	6552
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360102
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1995-03-31 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.4058333333333
Longitude:	-121.988611111111
Alias Name:	CAD009138900 43360102
Alias Type:	EPA Identification Number Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	FACILITY IDENTIFIED EPA FIT PRELIMINARY ASSESSMENT EPA COMPLETED PRELIMINARY ASSESSMENT AND RECOMMEND MEDIUM-PRIORITY SCREENING SITE INSPECTION EPA/CERCLA SITE PENDING STATUS: EPA SITE.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1989-04-27 00:00:00

SOBRATO DEVELOPMENT COMPANIES (Continued) **S105162289**

Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

---

10 **CALIFORNIA CIRCUIT ENGRNG INC**
1292 REAMWOOD AVE
SUNNYVALE, CA 94086

RCRA-SQG
FINDS
LUST
SLIC
CERC-NFRAP
ENVIROSTOR

1000252314
CAD063552467

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD063552467
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Region:	STATE
Case Type:	Undefined
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Federal
How Discovered:	OM
How Stopped:	Not reported

CALIFORNIA CIRCUIT ENGRNG INC (Continued) **1000252314**

Leak Cause: UNK
Leak Source: UNK
Global Id: T0608591746
Stop Date: 1984-07-01 00:00:00
Confirm Leak: Not reported
Workplan: 1984-07-01 00:00:00
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1984-07-01 00:00:00
Enforcement Dt: Not reported
Release Date: 1988-07-07 00:00:00
Review Date: 2000-05-10 00:00:00
Enter Date: 1993-10-20 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Preliminary site assessment workplan submitted
Chemical: Solvents
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: Not reported
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-1916
Case Number: 43-1916
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: CLOSED FACILITY? SMS ALSO-FILE 4TH FL

CALIFORNIA CIRCUIT ENGRNG INC (Continued) **1000252314**

SLIC:

Region:	2
Facility ID:	43-1916
Facility Status:	Preliminary site assessment workplan submitted
Date Closed:	Not reported
Local Case #:	43-1916
How Discovered:	OM
Leak Cause:	UNK
Leak Source:	UNK
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	7/1/1984
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CERC-NFRAP:

Site ID:	0901497
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	CCE INC
Alias Address:	Not reported CA
Site Description:	Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	01/01/1981
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	05/01/1986
Date Completed:	01/01/1987
Priority Level:	Low
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	07/01/1988
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported

CALIFORNIA CIRCUIT ENGRNG INC (Continued) **1000252314**

Date Completed: 07/01/1988
Priority Level: Not reported

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360034
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: * Site Char & Assess Grant (CERCLA 104)
Status: **Refer: RWQCB**
Status Date: 1984-01-01 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.4052777777778
Longitude: -121.988611111111
Alias Name: CAD063552467
43360034
Alias Type: EPA Identification Number
Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Source of Activity: Manufacturing of printed circuit board, chemical etching, electrolysis plating, silk screening. CA Circuit moved to Fremont, CA by July 1984. On 11/01/84 removed wastes & decontamination of premises process certi- fied by EmconApproximately of 7,410 gallons of contaminated liquid and 10,280 pounds of contaminated soil were removed from the site. The site was referred to the RWQCB subsequent to the removal action for the investigation of suspected groundwater contaminatioFacility identified via Superfund Notification., but DHS & RWQCB not satisfied. RWQCB is conducting an investigation on adjacent property to deter- mine the source of contamination. Preliminary Assessment submitted to EPA (Cercla 104).n. Based on this referral, the site is "decertified" and the previous cert is considered a removal action.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 1986-01-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1984-01-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: De-Certification
Completed Date: 1984-01-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CALIFORNIA CIRCUIT ENGRNG INC (Continued) **1000252314**

Completed Document Type: Certification
Completed Date: 1984-01-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1981-08-20 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003, 10009, 10061, 10067, 10193, 10194, 10197, 10198, 10199, 30013, 30160, 30407
Potenital Description: * HALOGENATED SOLVENTS
Potenital Description: * HYDROCARBON SOLVENTS
Potenital Description: * ORGANIC LIQUIDS WITH METALS
Potenital Description: * OXYGENATED SOLVENTS
Potenital Description: * UNSPECIFIED ACID SOLUTION
Potenital Description: * UNSPECIFIED ALKALINE SOLUTIONS
Potenital Description: * UNSPECIFIED SLUDGE WASTE
Potenital Description: * UNSPECIFIED SOLVENT MIXTURES
Potenital Description: * WASTE OIL & MIXED OIL
Potenital Description: Lead
Potenital Description: Cyanide (free)
Potenital Description: Nickel
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

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11 **PRECISION MEDIA** **HAZNET** **S100833367**
1262 NORTH LAWRENCE STATION **CA BOND EXP. PLAN** **N/A**
SUNNYVALE, CA 94089

HAZNET:
Gepaid: CAC000958256
Contact: PRECISION MEDIA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: REGION 2
Mailing City,St,Zip: BERKELEY, CA 947100000
Gen County: Santa Clara
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: 4.3785
Facility County: Santa Clara

PRECISION MEDIA (Continued) **S100833367**

CA BOND EXP. PLAN:

Reponsible Party:	DETAILED SITE EXPENDITURE PLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	The RPs have been found to be in noncompliance with an order issued by the Department. Therefore, it will be necessary to utilize Bond funds to remediate this site. This site has not been identified as an NPL site, nor does it appear to be a candidate in the future. Therefore, it is unlikely that federal funds are a viable source of revenue for this site.
Site Description:	This site was used for various kinds of electronics manufacturing since 1966. It is currently inactive.
Hazardous Waste Desc:	The soil and shallow ground water has been found to contain varying levels of cyclohexanone, methyl ethyl ketone (MEK), vinyl chloride, methylene chloride, benzene, xylene, toluene, ethyl benzene, perchloroethylene (PCE), trichloroethane (TCA), trichloroethylene (TCE), dichloroethane (DCA), trans-dichloroethylene and freon 113.
Threat To Public Health & Env:	These wastes create a potential for the contamination of drinking water. Some potential for direct contact also exsist at this site. However, no evidence of affected wells used for drinking water was found in a study completed in late 1987.
Site Activity Status:	Underground storage tanks have been emptied and removed. Barrels have been removed. The site is now completely fenced. A remedial action order was issued to potentialloy responsible parties in Auguts, 1986. In March, 1988, DHS issued final notices of noncompliance with the RAO to the potentially responsible parties. DHS is conducting remedial investigation activities.

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11 **PRECISION MEDIA CORPORATION**
1262 LAWRENCE STATION RD
SUNNYVALE, CA 94089

RESPONSE
DEED
ENVIROSTOR
HIST Cal-Sites

S105628345
N/A

RESPONSE:

Region:	RESPONSE
Facility ID:	43360091
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.53
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	Not reported
Project Manager:	MONICA GAN
Supervisor:	BARBARA COOK
Division Branch:	North Coast
Site Code:	201439
Assembly:	22
Senate:	13
Status:	Certified / Operation & Maintenance
Status Date:	2004-03-01 00:00:00
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	37.4055418340027
Longitude:	-121.99535
Alias Name:	201439 200085 CAT080010341

PRECISION MEDIA CORPORATION (Continued) **S105628345**

	P22086 CAD980883250 ALLIED MEDIA TECHNOLOGY 43360091 104-24-002
Alias Type:	Project Code (Site Code) Project Code (Site Code) HWIS Identification Code PCode EPA Identification Number Alternate Name Calsites ID Number APN
APN:	104-24-002
APN Description:	Not reported
Comments:	The Final RAW included approval of the existing Cap as the final remedy.DTSC oversaw removal of a subsurface concrete sump (approximately 6 feet long by 4 feet wide and 4 feet deep). After the concrete sump was removed, soil samples were collected to verify that no underlying soil contamination remained. The concretePrepared for Remedial Investigation activities.Monitoring wells 2W, 3W, 4W, 5W, 6W, and 7W were closed by overdrilling and grouting. Monitoring wells 8W, 9W, 10W, 13W, 14W, 15W, 16W, 17W and 18W were closed using pressure grouting.Mailed out to DTSC-approved mailing list and mandatory mailing list.Requires annual visual cap inspections as well as repair of any breaches that are of sufficient size to allow for direct human contact with soil beneath the cap.Provides new information and updates previous Public Participation Plans prepared for the site.Recorded Deed Restriction restricting property uses to commercial or industrial enterprises and prohibits extraction of groundwater for purposes other than site remediation or construction dewatering.The project will not have a significant effect on the environment because (1) no additional fieldwork is required, (2)impacts to current water supply wells do not exist and impacts to potential future water supply wells are not likely, and (3) the DRemedial Action Order requiring Responsible Parties to conduct environmental investigation and remediation activities.An existing 10,000 square-foot building concrete floor slab was left in place to serve as a cap preventing direct contact with soil potentially containing contaminants of concern beneath the building. A Risk Management Plan and Health and Safety PlExecuted IS&E Determination and Consent Order requiring that a Removal Action Workplan (RAW) be prepared and implemented.Incorporated comments received. Report approved.The Final RAW included approval of the existing Cap (the existing 10,000-square foot building foundation onsite) as the final remedy.Sent to adjacent occupants within 1 block of the Precision Media site to notify them of the Monitoring Well decommissioning.Published in the San Jose Mercury News.materials were disposed at a Class III landfill. The sump excavation was backfilled with clean soil and patched with hot asphalt. In addition, five groundwater monitoring wells were closed. The well closure activities were conducted with oversight fTSC-approved Final Baseline Human Health Risk Assessment concludes that no significant human health or ecological risks are present under current Site conditions.an are required for DTSC review and approval should future earthwork activities disturb impacted soils at the site.rom the Santa Clara Valley Water District.

PRECISION MEDIA CORPORATION (Continued) **S105628345**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 2003-12-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1998-12-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 1991-12-06 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 2005-07-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 2003-11-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 2003-11-18 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 2005-03-25 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 2004-02-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 2003-12-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 2002-10-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 2002-08-26 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed Restriction / Land Use Covenant
Completed Date: 2004-01-23 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 2003-12-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 2002-05-03 00:00:00
Completed Area Name: PROJECT WIDE

PRECISION MEDIA CORPORATION (Continued) **S105628345**

Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 2004-03-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of non-compliance
Completed Date: 1988-03-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of non-compliance
Completed Date: 1986-11-21 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedial Action Order
Completed Date: 1986-08-11 00:00:00
Confirmed: 30026,30027,30195
Confirmed Description: 1,1,1-Trichloroethane (TCA)
Confirmed Description: Trichloroethylene (TCE)
Confirmed Description: 1,2-Dichloroethylene (cis)
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2009
Media Affected: OTH
Media Affected Desc: Other Groundwater affected (uses other than drinking water)
Management Required: REM, FOUN, DAY, HOS, LUC, NOWN, HS, SCH, FOOD, RES
Management Required Desc: Activities prohibited which disturb the remedy and monitoring systems without approval
Management Required Desc: Check for cracks in foundation
Management Required Desc: Day care center prohibited
Management Required Desc: Hospital use prohibited
Management Required Desc: Land Use covenant
Management Required Desc: Notify after change of property owner
Management Required Desc: Perform H&S Plan prior to subsurface work
Management Required Desc: Public or private school for persons under 21 prohibited
Management Required Desc: Raising of food prohibited
Management Required Desc: Residence use prohibited
Potential: 30026, 30027, 30195
Potenital Description: 1,1,1-Trichloroethane (TCA)
Potenital Description: Trichloroethylene (TCE)
Potenital Description: 1,2-Dichloroethylene (cis)
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

DEED:
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Deed Date(s): 01/23/04

ENVIROSTOR:

PRECISION MEDIA CORPORATION (Continued) **S105628345**

Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	0.53
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	MONICA GAN
Supervisor:	BARBARA COOK
Division Branch:	North Coast
Facility ID:	43360091
Site Code:	201439
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Certified / Operation & Maintenance**
Status Date:	2004-03-01 00:00:00
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	37.4055418340027
Longitude:	-121.99535

Alias Name:	Alias Type:
201439	Project Code (Site Code)
200085	Project Code (Site Code)
CAT080010341	HWIS Identification Code
P22086	PCode
CAD980883250	EPA Identification Number
ALLIED MEDIA TECHNOLOGY	Alternate Name
43360091	Calsites ID Number
104-24-002	APN

APN: 104-24-002
APN Description: Not reported
Comments: The Final RAW included approval of the existing Cap as the final remedy.DTSC oversaw removal of a subsurface concrete sump (approximately 6 feet long by 4 feet wide and 4 feet deep). After the concrete sump was removed, soil samples were collected to verify that no underlying soil contamination remained. The concretePrepared for Remedial Investigation activities.Monitoring wells 2W, 3W, 4W, 5W, 6W, and 7W were closed by overdrilling and grouting. Monitoring wells 8W, 9W, 10W, 13W, 14W, 15W, 16W, 17W and 18W were closed using pressure grouting.Mailed out to DTSC-approved mailing list and mandatory mailing list.Requires annual visual cap inspections as well as repair of any breaches that are of sufficient size to allow for direct human contact with soil beneath the cap.Provides new information and updates previous Public Participation Plans prepared for the site.Recorded Deed Restriction restricting property uses to commercial or industrial enterprises and prohibits extraction of groundwater for purposes other than site remediation or construction dewatering.The project will not have a significant effect on the environment because (1) no additional fieldwork is required, (2)impacts to current water supply wells do not exist and impacts to

PRECISION MEDIA CORPORATION (Continued) **S105628345**

potential future water supply wells are not likely, and (3) the DRemedial Action Order requiring Responsible Parties to conduct environmental investigation and remediation activities.An existing 10,000 square-foot building concrete floor slab was left in place to serve as a cap preventing direct contact with soil potentially containing contaminants of concern beneath the building. A Risk Management Plan and Health and Safety PlExecuted IS&E Determination and Consent Order requiring that a Removal Action Workplan (RAW) be prepared and implemented.Incorporated comments received. Report approved.The Final RAW included approval of the existing Cap (the existing 10,000-square foot building foundation onsite) as the final remedy.Sent to adjacent occupants within 1 block of the Precision Media site to notify them of the Monitoring Well decommissioning.Published in the San Jose Mercury News.materials were disposed at a Class III landfill. The sump excavation was backfilled with clean soil and patched with hot asphalt. In addition, five groundwater monitoring wells were closed. The well closure activities were conducted with oversight fTSC-approved Final Baseline Human Health Risk Assessment concludes that no significant human health or ecological risks are present under current Site conditions.an are required for DTSC review and approval should future earthwork activities disturb impacted soils at the site.rom the Santa Clara Valley Water District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 2003-12-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1998-12-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 1991-12-06 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 2005-07-01 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 2003-11-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 2003-11-18 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 2005-03-25 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 2004-02-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

PRECISION MEDIA CORPORATION (Continued) **S105628345**

Completed Document Type:	Removal Action Completion Report
Completed Date:	2003-12-29 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Participation Plan / Community Relations Plan
Completed Date:	2002-10-10 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	2002-08-26 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Deed Restriction / Land Use Covenant
Completed Date:	2004-01-23 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	2003-12-29 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Order
Completed Date:	2002-05-03 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	2004-03-01 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Final Determination of non-compliance
Completed Date:	1988-03-11 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Final Determination of non-compliance
Completed Date:	1986-11-21 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Remedial Action Order
Completed Date:	1986-08-11 00:00:00
Confirmed:	30026,30027,30195
Confirmed Description:	1,1,1-Trichloroethane (TCA)
Confirmed Description:	Trichloroethylene (TCE)
Confirmed Description:	1,2-Dichloroethylene (cis)
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	5 Year Review Reports
Future Due Date:	2009
Media Affected:	OTH
Media Affected Desc:	Other Groundwater affected (uses other than drinking water)
Management Required:	REM, FOUN, DAY, HOS, LUC, NOWN, HS, SCH, FOOD, RES
Management Required Desc:	Activities prohibited which disturb the remedy and monitoring systems without approval
Management Required Desc:	Check for cracks in foundation
Management Required Desc:	Day care center prohibited
Management Required Desc:	Hospital use prohibited
Management Required Desc:	Land Use covenant
Management Required Desc:	Notify after change of property owner
Management Required Desc:	Perform H&S Plan prior to subsurface work

PRECISION MEDIA CORPORATION (Continued) **S105628345**

Management Required Desc: Public or private school for persons under 21 prohibited
Management Required Desc: Raising of food prohibited
Management Required Desc: Residence use prohibited
Potential: 30026, 30027, 30195
Potenital Description: 1,1,1-Trichloroethane (TCA)
Potenital Description: Trichloroethylene (TCE)
Potenital Description: 1,2-Dichloroethylene (cis)
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - OTHER

HISTORICAL CAL-SITES:
Facility ID: 43360091
Region: 2
Region Name: BERKELEY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 03012004
Status: COM - CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED REMEDIATION CONTINUES
Status Name: CERTIFIED / OPERATION & MAINTENANCE
Lead Agency: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: RP
Type Name: RESPONSIBLE PARTY
NPL: Not Listed
SIC Code: 36
SIC Name: MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: RMIYA
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22
State Senate District Code: 13

Click this hyperlink while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

12 **YELLOW FREIGHT SYSTEMS, INC.**
1220 NORTH FAIR OAKS AVEN
SUNNYVALE, CA 92263

Notify 65 **U000053062**
N/A

Notify 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Incident Description:	92263

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12 **MCLEAN TRUCKING CO**
1220 N FAIROAKS
SUNNYVALE, CA 94086

RCRA-SQG **1000200133**
FINDS **CAD042728394**

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD042728394
Contact:	ENVIRONMENTAL MANAGER (408) 734-1090
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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13 **YELLOW FREIGHT SYSTEM, INC.**
1220 N FAIROAKS AVE
SUNNYVALE, CA 94089

LUST **U001594942**
HIST UST **N/A**

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S1W18R01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	2/1/1990
Pollution Characterization Began:	5/3/1990
Pollution Remediation Plan Submitted:	Not reported

YELLOW FREIGHT SYSTEM, INC. (Continued) **U001594942**

Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 5/2/1990

HIST UST:

Region:	STATE
Facility ID:	00000045713
Tank Num:	001
Container Num:	001
Year Installed:	Not reported
Tank Capacity:	00010000
Facility Type:	Other
Other Type:	COMMON CARRIER
Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	DAVE VAUGHN
Telephone:	4087457794
Owner Name:	YELLOW FREIGHT SYSTEM, INC.
Owner Address:	10990 ROE
Owner City,St,Zip:	OVERLAND PARK, KS 66207

Region:	STATE
Facility ID:	00000045713
Tank Num:	002
Container Num:	002
Year Installed:	Not reported
Tank Capacity:	00010000
Facility Type:	Other
Other Type:	COMMON CARRIER
Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	DAVE VAUGHN
Telephone:	4087457794
Owner Name:	YELLOW FREIGHT SYSTEM, INC.
Owner Address:	10990 ROE
Owner City,St,Zip:	OVERLAND PARK, KS 66207

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13 **YELLOW FREIGHT SYSTEM INC** **Cortese** **S104397046**
1220 FAIR OAKS AVE N **N/A**
SUNNYVALE, CA 94806

Cortese:

Region:	CORTESE
Facility Addr2:	1220 FAIR OAKS AVE N

13 **YELLOW FREIGHT SYSTEM, INC.** **LUST** **S107997250**
1220 N FAIROAKS AVE **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W18R01f
Closed Date: 5/15/1991
Lop Number: 06-064

---

13 **YELLOW FREIGHT SYSTEM, INC.** **LUST** **S106717647**
1220 N FAIR OAKS AVE **HIST LUST** **N/A**
SUNNYVALE, CA

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: NOR
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501605
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1990-02-01 00:00:00
Pollution Char: 1990-05-03 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 1990-05-02 00:00:00
Close Date: 1991-05-15 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1990-02-21 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: John Java
RP Address: P.O. Box 7270
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZSC
Staff Initials: CW

YELLOW FREIGHT SYSTEM, INC. (Continued) **S106717647**

Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W18R01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W18R01
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1990-06-22 00:00:00
Closed Date:	1991-05-15 00:00:00

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13 **BILL SUYEYASU WHOLESALE FLORIS** **HIST UST** **U001594996**
1239 FAIROAKS WAY **N/A**
SUNNYVALE, CA 94089

HIST UST:

Region:	STATE
Facility ID:	00000011969
Tank Num:	001
Container Num:	1
Year Installed:	1970
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	WHOLESALE FLORIST
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	10
Contact Name:	Not reported
Telephone:	4087343430
Owner Name:	BILL SUYEYASU WHOLESALE FLORIS
Owner Address:	1239 N. FAIROAKS WAY
Owner City,St,Zip:	SUNNYVALE, CA 94089

Region:	STATE
Facility ID:	00000011969
Tank Num:	002
Container Num:	2
Year Installed:	1973
Tank Capacity:	00002000

BILL SUYEYASU WHOLESALE FLORIS (Continued) **U001594996**

Facility Type:	Other
Other Type:	WHOLESALE FLORIST
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	10
Contact Name:	Not reported
Telephone:	4087343430
Owner Name:	BILL SUYEYASU WHOLESALE FLORIS
Owner Address:	1239 N. FAIROAKS WAY
Owner City,St,Zip:	SUNNYVALE, CA 94089

Region:	STATE
Facility ID:	00000011969
Tank Num:	003
Container Num:	3
Year Installed:	1981
Tank Capacity:	00005000
Facility Type:	Other
Other Type:	WHOLESALE FLORIST
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	10
Contact Name:	Not reported
Telephone:	4087343430
Owner Name:	BILL SUYEYASU WHOLESALE FLORIS
Owner Address:	1239 N. FAIROAKS WAY
Owner City,St,Zip:	SUNNYVALE, CA 94089

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14 **ESL INC SUBSIDIARY OF TRW** **CERC-NFRAP** **1003879014**
425 TASMAN **CAD981677040**
SUNNYVALE, CA 94089

CERC-NFRAP:

Site ID:	0902498
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)

Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	10/01/1986
Priority Level:	Not reported

ESL INC SUBSIDIARY OF TRW (Continued) **1003879014**

Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	03/01/1987
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	03/01/1987
Priority Level:	Not reported

---

15 **3-WAY CORPORATION** **LUST** **S102423423**
1120 KARLSTAD (1150) **Cortese** **N/A**
SUNNYVALE, CA 94089 **HIST LUST**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500074
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1989-05-23 00:00:00
Pollution Char:	1989-05-23 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1999-09-13 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1989-05-23 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	1997-09-04 00:00:00
GW Qualifier:	=
Soil Qualifier:	Not reported
Max MTBE GW ppb:	5
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Dan Muhoburac
RP Address:	1120 Karlstad Dr
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	1
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected

3-WAY CORPORATION (Continued) **S102423423**

Staff: ZSC
Staff Initials: RC
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W19B01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W19B01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/23/1989
Pollution Characterization Began: 5/23/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 1120 KARLSTAD

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19B01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1990-01-01 00:00:00
Closed Date: 1999-09-13 00:00:00

15 **3-WAY CORPORATION** **LUST** **S107995216**
1120 KARLSTAD (1150) **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19B01f
Closed Date: 9/13/1999
Lop Number: 14-366

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16 **H SQUARE CORP** **FINDS** **1004677361**
1033 N FAIR OAKS AVE **HAZNET** **CAR000096263**
SUNNYVALE, CA 94089 **RCRA-LQG**

FINDS:
Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAR000096263
Contact: Bob Mustoe
Telephone: 4087342543
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1033 N Fair Oaks Ave
Mailing City,St,Zip: Sunnyvale, CA 94089
Gen County: Not reported
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.3
Facility County: Not reported

Gepaid: CAR000096263
Contact: Bob Mustoe
Telephone: 4087342543
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1033 N Fair Oaks Ave
Mailing City,St,Zip: Sunnyvale, CA 94089
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.22
Facility County: Not reported

H SQUARE CORP (Continued) **1004677361**

Gepaid:	CAR000096263
Contact:	WAYNE DOHERTY-SHOP MANAGER
Telephone:	4087342543
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1033 N Fair Oaks Ave
Mailing City,St,Zip:	Sunnyvale, CA 94089
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.25
Facility County:	Santa Clara

Gepaid:	CAR000096263
Contact:	WAYNE DOHERTY-SHOP MANAGER
Telephone:	4087342543
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1033 N Fair Oaks Ave
Mailing City,St,Zip:	Sunnyvale, CA 94089
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.12
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:

Owner:	ANN HENDRICSEN (408) 734-2543
EPA ID:	CAR000096263
Contact:	BOB MUSTOE (408) 734-2543
Classification:	Large Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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16 **ANALOG DEVICES SUNNYVALE SITE**
610 EAST WEDDELL DRIVE
SUNNYVALE, CA 94089

FINDS
HAZNET
RCRA-LQG
EMI
CA WDS

1000230393
CAD980892491

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain

ANALOG DEVICES SUNNYVALE SITE (Continued) **1000230393**

integrated Enforcement and Compliance information across most of EPA’s programs. The vision for ICIS is to replace EPA’s independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid:	CAD980892491
Contact:	ANALOG DEVICES INC
Telephone:	4159612742
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1500 SPACE PARK DRIVE
Mailing City,St,Zip:	SANTA CLARA, CA 950528020
Gen County:	Santa Clara
TSD EPA ID:	CAD074644659
TSD County:	1
Waste Category:	Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method:	Recycler
Tons:	.2085
Facility County:	Santa Clara
Gepaid:	CAD980892491

ANALOG DEVICES SUNNYVALE SITE (Continued) **1000230393**

Contact: ANALOG DEVICES INC
Telephone: 4159612742
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1500 SPACE PARK DRIVE
Mailing City,St,Zip: SANTA CLARA, CA 950528020
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Disposal, Other
Tons: 1.1466
Facility County: Santa Clara

Gepaid: CAD980892491
Contact: ANALOG DEVICES INC
Telephone: 4159612742
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1500 SPACE PARK DRIVE
Mailing City,St,Zip: SANTA CLARA, CA 950528020
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: 1.8348
Facility County: Santa Clara

Gepaid: CAD980892491
Contact: ANALOG DEVICES INC
Telephone: 4159612742
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1500 SPACE PARK DRIVE
Mailing City,St,Zip: SANTA CLARA, CA 950528020
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: .3000
Facility County: Santa Clara

Gepaid: CAD980892491
Contact: ANALOG DEVICES INC
Telephone: 4159612742
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1500 SPACE PARK DRIVE
Mailing City,St,Zip: SANTA CLARA, CA 950528020
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 2.0000

ANALOG DEVICES SUNNYVALE SITE (Continued) **1000230393**

Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
133 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD980892491

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	46859.05	D002	218922.44
D004	813.00	D009	25.00

Violation Status: No violations found

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1854
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1854
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ANALOG DEVICES SUNNYVALE SITE (Continued) **1000230393**

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10513
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10513
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10513
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10513
Air District Name: BA
SIC Code: 3674

ANALOG DEVICES SUNNYVALE SITE (Continued) **1000230393**

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10513
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10513
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10513
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0

ANALOG DEVICES SUNNYVALE SITE (Continued) **1000230393**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10513
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10513
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.179
Reactive Organic Gases Tons/Yr: 0.8880414
Carbon Monoxide Emissions Tons/Yr: 0.012
NOX - Oxides of Nitrogen Tons/Yr: 0.056
SOX - Oxides of Sulphur Tons/Yr: 0.001
Particulate Matter Tons/Yr: 0.018
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.010974

CA WDS:
Facility ID: San Francisco Bay 43I011981
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4085627218
Facility Contact: SCHOLTZ, RON
Agency Name: ANALOG DEVICES INC
Agency Address: 1500 Space Park Dr
Agency City,St,Zip: Santa Clara 950543434
Agency Contact: SCHOLTZ, RON

ANALOG DEVICES SUNNYVALE SITE (Continued) **1000230393**

Agency Telephone:	4085627218
Agency Type:	Private
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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16 **SYN LABS INC** **RCRA-SQG** **1000121886**
568 WEDDELL DR SUITE 2 **FINDS** **CAD982002495**
SUNNYVALE, CA 94089

RCRAInfo:

Owner:	CARINA LEVERIZA (415) 555-1212
EPA ID:	CAD982002495
Contact:	ENVIRONMENTAL MANAGER (408) 734-2212
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

16 **LUCE MEATS**
550 WEDDELL
SUNNYVALE, CA
Cortese **S101542400**
N/A

Cortese:
Region: CORTESE
Facility Addr2: Not reported

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16 **ALPHA EMS**
1107 N FAIR OAKS AVE
SUNNYVALE, CA 94089
CERCLIS **1000154571**
FINDS **CAD095984084**
RCRA-LQG

CERCLIS:
Site ID: 0903179
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: SI Start Needed

CERCLIS Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMindes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 12/01/1987
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 07/24/1989
Priority Level: Low

FINDS:
Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ALPHA EMS (Continued) **1000154571**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRAInfo:

Owner:	MANUFACTURERS SVC LTD (508) 287-5630
EPA ID:	CAD095984084
Contact:	JIM GRASER (408) 279-8362
Classification:	Large Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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16 **METARAMICS, INC** **ENVIROSTOR** **S101482343**
1107 NORTH FAIROAKS AVENUE **N/A**
SUNNYVALE, CA 94089

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	NONE SPECIFIED
Program Manager:	MARK PIROS
Supervisor:	MARK PIROS
Division Branch:	North Coast
Facility ID:	43360075
Site Code:	200574
Assembly:	22
Senate:	13
Special Program:	* CERC2
Status:	**No Further Action**
Status Date:	1995-02-10 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3991666666667
Longitude:	-122.011944444444
Alias Name:	200574 CAD982359168 CAD095984084 43360075
Alias Type:	Project Code (Site Code) EPA Identification Number EPA Identification Number Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	PEA completed. Review of documentation indicates a low level TCE

METARAMICS, INC (Continued) **S101482343**

contamination in groundwater. It was determined that the levels do not pose a risk to potential receptors. The source of the TCE does not appear to originate from the Metaramic site.PRELIM ASSESS DONE SI RECOMMENDED BASED ON GROUNDWATER CONTAMINATION (TCE), MEDIUM PRIORITYSITE SCREENING DONE CLOUSURE OVERSEEN BY SUNNYBALE FIRE DEPT PREVENTION BUREAU. DHS APPROVED REMOVAL OF NICHEL CONTM SOIL.The RWQCB believes that a regional GW problems exist.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 1995-02-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 1988-08-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1987-11-16 00:00:00
Confirmed: 30026,30027,30407
Confirmed Description: 1,1,1-Trichloroethane (TCA)
Confirmed Description: Trichloroethylene (TCE)
Confirmed Description: Nickel
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: OTH, SOIL
Media Affected Desc: Other Groundwater affected (uses other than drinking water)
Media Affected Desc: Soil
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30026, 30027, 30407
Potenital Description: 1,1,1-Trichloroethane (TCA)
Potenital Description: Trichloroethylene (TCE)
Potenital Description: Nickel
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: METAL PLATING - OTHER, UNKNOWN

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16 **CLASSICS AT CITY PARK** **LUST** **S107995665**
1036 KIEL CT **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19B02f
Closed Date: Not reported
Lop Number: 14-760

16 **CLASSICS AT CITY PARK** **LUST** **S107863194**
1036 KIEL COURT **N/A**
SUNNYVALE, CA 94089

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	CLOS
Funding:	LOPF
How Discovered:	OM
How Stopped:	Close Tank
Leak Cause:	UNK
Leak Source:	UNK
Global Id:	T0608524657
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2006-11-15 00:00:00
Discover Date:	2006-04-28 00:00:00
Enforcement Dt:	Not reported
Release Date:	2006-05-16 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Bunker Fuel Oil
Contact Person:	Not reported
Responsible Party:	DAN HAYES
RP Address:	401 WILSHIRE BOULEVARD, SUITE 850
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	ZSC
Staff Initials:	NP
Lead Agency:	Local Agency
Local Agency:	43000L
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W19B02f
Case Number:	14-760

CLASSICS AT CITY PARK (Continued) **S107863194**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

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16 **THREE DELTA CORP**
1038 KIEL CT
SUNNYVALE, CA 94086

RCRA-SQG **1000201930**
FINDS **CAD077191849**

RCRAInfo:
Owner: MIKE AMANATULLAH
(415) 555-1212
EPA ID: CAD077191849

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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16 **VERSATRONEX CORPORATION**
1131 N FAIROAKS AVENUE
SUNNYVALE, CA 94086

RCRA-SQG **1000377702**
FINDS **CAT080032964**
HAZNET
EMI

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080032964

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

VERSATRONEX CORPORATION (Continued) **1000377702**

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAT080032964
Contact:	VERSATRONEX CORPORATION
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	650 CASTRO #250
Mailing City,St,Zip:	MOUNTAIN-VIEW, CA 940410000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Other
Tons:	.1250
Facility County:	Santa Clara

Gepaid:	CAT080032964
Contact:	VERSATRONEX CORPORATION
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	650 CASTRO #250
Mailing City,St,Zip:	MOUNTAIN-VIEW, CA 940410000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Other organic solids
Disposal Method:	Disposal, Other
Tons:	.0500
Facility County:	Santa Clara

Gepaid:	CAT080032964
Contact:	VERSATRONEX CORPORATION
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	650 CASTRO #250
Mailing City,St,Zip:	MOUNTAIN-VIEW, CA 940410000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with 10% or more total organic residues

VERSATRONEX CORPORATION (Continued) **1000377702**

Disposal Method:	Disposal, Other
Tons:	.1251
Facility County:	Santa Clara

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1210
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1210
Air District Name:	BA
SIC Code:	3671
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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16 **BELL INDUSTRIES** **LUST** **S104397049**
1161 FAIR OAKS BLVD N **SLIC** **N/A**
SUNNYVALE, CA 94089

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global Id:	T0608591685
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported

BELL INDUSTRIES (Continued) **S104397049**

Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-06-10 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1995-06-10 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Solvents
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: CTH
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 43S0784
Qty Leaked: 0
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: 2
Facility ID: 43S0784
Facility Status: Case Closed
Date Closed: 6/10/1997
Local Case #: Not reported

BELL INDUSTRIES (Continued) **S104397049**

How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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16 **BELL INDUSTRIES, ELECTRONIC DI** **HIST UST** **U001594880**
1161 N FAIROAKS AVE **N/A**
SUNNYVALE, CA 94086

HIST UST:

Region: STATE
Facility ID: 00000000899
Tank Num: 001
Container Num: 1
Year Installed: 1974
Tank Capacity: 00004000
Facility Type: Other
Other Type: DISTRIBUTOR
Total Tanks: 0004
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: MR. LON WEIS-GENERAL MGR.
Telephone: 4087348570
Owner Name: BELL INDUSTRIES
Owner Address: 615 DADO STREET
Owner City,St,Zip: SAN JOSE, CA 95131

Region: STATE
Facility ID: 00000000899
Tank Num: 002
Container Num: 2
Year Installed: 1974
Tank Capacity: 00004000
Facility Type: Other
Other Type: DISTRIBUTOR
Total Tanks: 0004
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: MR. LON WEIS-GENERAL MGR.
Telephone: 4087348570
Owner Name: BELL INDUSTRIES
Owner Address: 615 DADO STREET
Owner City,St,Zip: SAN JOSE, CA 95131

Region: STATE
Facility ID: 00000000899
Tank Num: 003
Container Num: 3

BELL INDUSTRIES, ELECTRONIC DI (Continued) **U001594880**

Year Installed:	1974
Tank Capacity:	00004000
Facility Type:	Other
Other Type:	DISTRIBUTOR
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	MR. LON WEIS-GENERAL MGR.
Telephone:	4087348570
Owner Name:	BELL INDUSTRIES
Owner Address:	615 DADO STREET
Owner City,St,Zip:	SAN JOSE, CA 95131

Region:	STATE
Facility ID:	00000000899
Tank Num:	004
Container Num:	4
Year Installed:	1974
Tank Capacity:	00004000
Facility Type:	Other
Other Type:	DISTRIBUTOR
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	MR. LON WEIS-GENERAL MGR.
Telephone:	4087348570
Owner Name:	BELL INDUSTRIES
Owner Address:	615 DADO STREET
Owner City,St,Zip:	SAN JOSE, CA 95131

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16 **BELL INDUSTRIES** **CERC-NFRAP** **1003878372**
1161 N FAIROAKS AVE **CAD076316967**
SUNNYVALE, CA 94089

CERC-NFRAP:

Site ID:	0901589
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)

Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported

BELL INDUSTRIES (Continued) **1003878372**

Date Completed: 05/01/1986
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 11/01/1987
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 11/01/1987
Priority Level: Not reported

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16 **BELL INDUSTRIES** **LUST** **S105026823**
1161 FAIR OAKS N **Cortese** **N/A**
SUNNYVALE, CA 94086

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: Not reported
Funding: Federal
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0608500232
Stop Date: 1991-06-21 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1993-05-12 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-06-10 00:00:00
Discover Date: 1991-06-21 00:00:00
Enforcement Dt: Not reported
Release Date: 1991-06-21 00:00:00
Review Date: 1997-06-20 00:00:00
Enter Date: 1991-06-21 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Toluene
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *

BELL INDUSTRIES (Continued) **S105026823**

MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MEJ
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-0166
Case Number: 43-0166
Qty Leaked: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 6/20/97 CONTROL NO 120-146 SRC 0904796

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: 43-0166
Case Number: 43-0166
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/12/1993
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 1161 FAIR OAKS N

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17 **CYONICS LTD**
1145 TASHMAN DR
SUNNYVALE, CA 94089

RCRA-SQG **1000315648**
FINDS **CAD981170269**

CYONICS LTD (Continued) **1000315648**

RCRAInfo:

Owner: TASHMAN ASSOCIATES
(415) 555-1212
EPA ID: CAD981170269

Contact: ENVIRONMENTAL MANAGER
(408) 745-1400

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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18 **SPECIALTY GARBAGE & REFUS** **HAZNET** **S103659606**
438 TOYAMA **Cortese** **N/A**
SUNNYVALE, CA 94089

HAZNET:

Gepaid: CAC001234344
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1220 RIVER VALLEY CIRCLE
Mailing City,St,Zip: MODESTO, CA 953510000
Gen County: Santa Clara
TSD EPA ID: CAL000027741
TSD County: 5
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 1.4327
Facility County: Santa Clara

Cortese:

Region: CORTESE
Facility Addr2: Not reported

18	**SPECIALTY GARBAGE & REFUSE** **438 TOYAMA DR** **SUNNYVALE, CA 94089**	**LUST** **CA FID UST** **HIST LUST** **SWEEPS UST**	**S101623151** **N/A**

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: NOR
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501348
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1985-04-04 00:00:00
Pollution Char: 1993-03-15 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-05-02 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1988-06-20 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: 1996-05-01 00:00:00
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: 1
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Patrick Buldo and Marjorie Lew
RP Address: 99 Almaden Blvd. 8th floor
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZSC
Staff Initials: LD
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W19C01f

SPECIALTY GARBAGE & REFUSE (Continued) **S101623151**

Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W19C01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 4/4/1985
Pollution Characterization Began: 3/15/1993
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CA FID UST:
Facility ID: 43001375
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087342330
Mail To: Not reported
Mailing Address: 438 TOYAMA DR
Mailing Address 2: Not reported
Mailing City,St,Zip: SUNNYVALE 94086
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19C01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1989-01-01 00:00:00
Closed Date: 1997-05-02 00:00:00

SPECIALTY GARBAGE & REFUSE (Continued) **S101623151**

SWEEPS UST:

Status:	A
Comp Number:	1309
Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-27-90
Act Date:	07-27-90
Created Date:	07-27-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001309-130901
Actv Date:	12-06-90
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	1

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19 **DIRECT DELIVERY SERVICE**
925 MORSE AVE
SANTA CLARA (County), CA

LUST **S107995785**
N/A

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W19F01f
Closed Date:	1/14/1997
Lop Number:	04-017

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19 **DIRECT DELIVERY SERVICE**
925 MORSE AVE
SUNNYVALE, CA 94089

HAZNET
LUST
Cortese
HIST LUST

S101304379
N/A

HAZNET:

Gepaid:	CAL000147361
Contact:	JOHN MARSCHNER TERMINAL MGR
Telephone:	4806549373
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	17200 N PERIMETER DR
Mailing City,St,Zip:	SCOTTSDALE, AZ 852550000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Unspecified aqueous solution
Disposal Method:	Not reported
Tons:	0.04
Facility County:	Not reported

Gepaid:	CAL000147361
Contact:	JOHN MARSCHNER TERMINAL MGR
Telephone:	4806549373
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	17200 N PERIMETER DR
Mailing City,St,Zip:	SCOTTSDALE, AZ 852550000

DIRECT DELIVERY SERVICE (Continued) **S101304379**

Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: Transfer Station
Tons: 0.12
Facility County: Not reported

Gepaid: CAL000147361
Contact: JOHN MARSCHNER TERMINAL MGR
Telephone: 4806549373
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 17200 N PERIMETER DR
Mailing City,St,Zip: SCOTTSDALE, AZ 852550000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Off-specification, aged, or surplus inorganics
Disposal Method: Transfer Station
Tons: 0.05
Facility County: Not reported

Gepaid: CAL000147361
Contact: JOHN MARSCHNER TERMINAL MGR
Telephone: 4806549373
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 17200 N PERIMETER DR
Mailing City,St,Zip: SCOTTSDALE, AZ 852550000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Not reported
Tons: 0.10
Facility County: Not reported

Gepaid: CAL000147361
Contact: JOHN MARSCHNER TERMINAL MGR
Telephone: 4806549373
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 17200 N PERIMETER DR
Mailing City,St,Zip: SCOTTSDALE, AZ 852550000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 0.16
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
11 additional CA_HAZNET: record(s) in the EDR Site Report.

DIRECT DELIVERY SERVICE (Continued) **S101304379**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500517
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1987-11-02 00:00:00
Pollution Char:	1987-12-09 00:00:00
Remed Plan:	Not reported
Remed Action:	1988-02-16 00:00:00
Monitoring:	Not reported
Close Date:	1997-01-14 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1987-07-10 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	1996-11-08 00:00:00
GW Qualifier:	=
Soil Qualifier:	Not reported
Max MTBE GW ppb:	1
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Roger Miles
RP Address:	59 Lupine Ave, Ste 6
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	1
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	GG
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W19F01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported

DIRECT DELIVERY SERVICE (Continued) **S101304379**

Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W19F01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 11/2/1987
Pollution Characterization Began: 12/9/1987
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 2/16/1988
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 925 MORSE AVE

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19F01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1988-01-01 00:00:00
Closed Date: 1997-01-14 00:00:00

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20 **PACE DISTRIBUTORS** **LUST** **S104541861**
828 W AHWANEE AVE **HIST LUST** **N/A**
SUNNYVALE, CA 94086

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: NOR
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501008
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1990-05-01 00:00:00

PACE DISTRIBUTORS (Continued) **S104541861**

Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1991-05-15 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1990-05-25 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Frank & Dorothy Pace
RP Address: 490 Maxine Ave
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: ZSC
Staff Initials: CW
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S2W24H01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S2W24H01f
How Discovered: Not reported
Leak Cause: Not reported

PACE DISTRIBUTORS (Continued) **S104541861**

Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/1/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W24H01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1990-06-22 00:00:00
Closed Date: 1991-05-15 00:00:00

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20 **PACE DISTRIBUTOR**
828 AHWANEE AVE W
SUNNYVALE, CA 94806

HAZNET **S103673639**
Cortese **N/A**

HAZNET:
Gepaid: CAC000735384
Contact: PACE CONSULTING AND MANAGEMENT
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 828 AHWANEE AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .0875
Facility County: Santa Clara

Gepaid: CAC000735384
Contact: PACE CONSULTING AND MANAGEMENT
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 828 AHWANEE AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Tons: .3543
Facility County: Santa Clara

Cortese:
Region: CORTESE
Facility Addr2: 828 AHWANEE AVE W

21	**TEXACO** **698 N FAIR OAKS AVE** **SUNNYVALE, CA**	**LUST** **HIST LUST**	**S106716161** **N/A**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501428
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1986-01-30 00:00:00
Pollution Char:	1988-03-10 00:00:00
Remed Plan:	Not reported
Remed Action:	1996-10-02 00:00:00
Monitoring:	Not reported
Close Date:	2005-10-04 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1986-01-30 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2001-10-10 00:00:00
GW Qualifier:	=
Soil Qualifier:	=
Max MTBE GW ppb:	66
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Joe Aldridge
RP Address:	685 West Third Street
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	3
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	NP
Lead Agency:	Local Agency
Local Agency:	43000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W19Q01f
Case Number:	Not reported

TEXACO (Continued) **S106716161**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19Q01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1987-01-01 00:00:00
Closed Date: Not reported

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21 **RETAIL PROPERTIES DEVELOPMENT** **LUST** **S106716422**
708 N FAIR OAKS AVE **HIST LUST** **N/A**
SUNNYVALE, CA

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: WAR
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501102
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 2006-12-01 00:00:00
Pollution Char: 2001-11-02 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1986-02-24 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Preliminary site assessment underway
Chemical: Gasoline

RETAIL PROPERTIES DEVELOPMENT (Continued) **S106716422**

Contact Person: Not reported
Responsible Party: Marc Blancarte
RP Address: 170 Alamo plaza, Ste. 135
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: ZSC
Staff Initials: LL
Lead Agency: Local Agency
Local Agency: 43000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W19Q02f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19Q02f
Closed Date: Not reported
Lop Number: 14-294

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19Q02
Region Code: 2
Oversite Agency: SCCDEH
Date Listed: 1988-01-01 00:00:00
Closed Date: Not reported

---

21 **GASCO SS#799** **HIST UST** **U001594869**
708 FAIROAKS **N/A**
SUNNYVALE, CA 94085

HIST UST:
Region: STATE
Facility ID: 00000008270
Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00003000
Facility Type: Gas Station
Other Type: Not reported

GASCO SS#799 (Continued) **U001594869**

Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Visual, Stock Inventor
Contact Name: NEDDIE ARCHULETA
Telephone: 8054850430
Owner Name: DESERT PETROLEUM, INC.
Owner Address: P.O. BOX 1601
Owner City,St,Zip: OXNARD, CA 93032

Region: STATE
Facility ID: 00000008270
Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00005000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Visual, Stock Inventor
Contact Name: NEDDIE ARCHULETA
Telephone: 8054850430
Owner Name: DESERT PETROLEUM, INC.
Owner Address: P.O. BOX 1601
Owner City,St,Zip: OXNARD, CA 93032

Region: STATE
Facility ID: 00000008270
Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Visual, Stock Inventor
Contact Name: NEDDIE ARCHULETA
Telephone: 8054850430
Owner Name: DESERT PETROLEUM, INC.
Owner Address: P.O. BOX 1601
Owner City,St,Zip: OXNARD, CA 93032

Region: STATE
Facility ID: 00000008270
Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00005000
Facility Type: Gas Station
Other Type: Not reported

GASCO SS#799 (Continued) **U001594869**

Total Tanks:	0005
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Tank Construction:	1/4 inches
Leak Detection:	Visual, Stock Inventor
Contact Name:	NEDDIE ARCHULETA
Telephone:	8054850430
Owner Name:	DESERT PETROLEUM, INC.
Owner Address:	P.O. BOX 1601
Owner City,St,Zip:	OXNARD, CA 93032

Region:	STATE
Facility ID:	00000008270
Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00000550
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0005
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	1/4 inches
Leak Detection:	Visual
Contact Name:	NEDDIE ARCHULETA
Telephone:	8054850430
Owner Name:	DESERT PETROLEUM, INC.
Owner Address:	P.O. BOX 1601
Owner City,St,Zip:	OXNARD, CA 93032

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21 **RETAIL PROPERTIES DEVELOP** **Cortese** **S101309522**
708 FAIR OAKS AVE N **N/A**
SUNNYVALE, CA

Cortese:

Region:	CORTESE
Facility Addr2:	708 FAIR OAKS AVE N

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21 **TEXACO** **HIST UST** **U001594989**
698 FAIR OAKS / CALIENTE **N/A**
SUNNYVALE, CA 94088

HIST UST:

Region:	STATE
Facility ID:	00000016070
Tank Num:	001
Container Num:	1
Year Installed:	1963
Tank Capacity:	00004000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0006
Tank Used for:	PRODUCT

TEXACO (Continued) **U001594989**

Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10
Contact Name: IDLE
Telephone: 0000000000
Owner Name: TEXACO U.S.A.
Owner Address: 3350 WILSHIRE BLVD.
Owner City,St,Zip: LOS ANGELES, CA 90010

Region: STATE
Facility ID: 00000016070
Tank Num: 002
Container Num: 2
Year Installed: 1963
Tank Capacity: 00004000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0006
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10
Contact Name: IDLE
Telephone: 0000000000
Owner Name: TEXACO U.S.A.
Owner Address: 3350 WILSHIRE BLVD.
Owner City,St,Zip: LOS ANGELES, CA 90010

Region: STATE
Facility ID: 00000016070
Tank Num: 003
Container Num: 3
Year Installed: 1963
Tank Capacity: 00004000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0006
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10
Contact Name: IDLE
Telephone: 0000000000
Owner Name: TEXACO U.S.A.
Owner Address: 3350 WILSHIRE BLVD.
Owner City,St,Zip: LOS ANGELES, CA 90010

Region: STATE
Facility ID: 00000016070
Tank Num: 004
Container Num: 4
Year Installed: 1963
Tank Capacity: 00004000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0006
Tank Used for: PRODUCT

TEXACO (Continued) **U001594989**

Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10
Contact Name: IDLE
Telephone: 0000000000
Owner Name: TEXACO U.S.A.
Owner Address: 3350 WILSHIRE BLVD.
Owner City,St,Zip: LOS ANGELES, CA 90010

Region: STATE
Facility ID: 00000016070
Tank Num: 005
Container Num: 5
Year Installed: 1970
Tank Capacity: 00006000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0006
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10
Contact Name: IDLE
Telephone: 0000000000
Owner Name: TEXACO U.S.A.
Owner Address: 3350 WILSHIRE BLVD.
Owner City,St,Zip: LOS ANGELES, CA 90010

Region: STATE
Facility ID: 00000016070
Tank Num: 006
Container Num: 6
Year Installed: 1963
Tank Capacity: 00000550
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0006
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: IDLE
Telephone: 0000000000
Owner Name: TEXACO U.S.A.
Owner Address: 3350 WILSHIRE BLVD.
Owner City,St,Zip: LOS ANGELES, CA 90010

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21 **MOBIL SERVICE STATION** **HIST UST** **U001594900**
801 N FAIROAKS AVE **N/A**
SUNNYVALE, CA 94086

HIST UST:
Region: STATE
Facility ID: 00000039658
Tank Num: 001
Container Num: 1
Year Installed: 1970
Tank Capacity: 00010000

MOBIL SERVICE STATION (Continued) **U001594900**

Facility Type: Gas Station
Other Type: MOTOR VEHICLE FUEL S
Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor, Pressure Test
Contact Name: JAMES L. VERNAZZA
Telephone: 4087389895
Owner Name: MOBIL OIL CORPORATION
Owner Address: 612 SO. FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90017

Region: STATE
Facility ID: 00000039658
Tank Num: 002
Container Num: 2
Year Installed: 1970
Tank Capacity: 00008000
Facility Type: Gas Station
Other Type: MOTOR VEHICLE FUEL S
Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor, Pressure Test
Contact Name: JAMES L. VERNAZZA
Telephone: 4087389895
Owner Name: MOBIL OIL CORPORATION
Owner Address: 612 SO. FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90017

Region: STATE
Facility ID: 00000039658
Tank Num: 003
Container Num: 3
Year Installed: 1972
Tank Capacity: 00006000
Facility Type: Gas Station
Other Type: MOTOR VEHICLE FUEL S
Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor, Pressure Test
Contact Name: JAMES L. VERNAZZA
Telephone: 4087389895
Owner Name: MOBIL OIL CORPORATION
Owner Address: 612 SO. FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90017

Region: STATE
Facility ID: 00000039658
Tank Num: 004
Container Num: 4
Year Installed: 1982
Tank Capacity: 00006000

MOBIL SERVICE STATION (Continued) **U001594900**

Facility Type:	Gas Station
Other Type:	MOTOR VEHICLE FUEL S
Total Tanks:	0005
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Contact Name:	JAMES L. VERNAZZA
Telephone:	4087389895
Owner Name:	MOBIL OIL CORPORATION
Owner Address:	612 SO. FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90017

Region:	STATE
Facility ID:	00000039658
Tank Num:	005
Container Num:	5
Year Installed:	1970
Tank Capacity:	00000280
Facility Type:	Gas Station
Other Type:	MOTOR VEHICLE FUEL S
Total Tanks:	0005
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	JAMES L. VERNAZZA
Telephone:	4087389895
Owner Name:	MOBIL OIL CORPORATION
Owner Address:	612 SO. FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90017

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21 **MOBIL (CONOCOPHILLIPS)** **LUST** **S101594638**
801 N FAIROAKS AVE **CA FID UST** **N/A**
SUNNYVALE, CA 94086

LUST:

Region:	2
Facility Status:	Pollution Characterization
Facility Id:	Not reported
Case Number:	06S1W19K01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	11/22/1989
Pollution Characterization Began:	11/28/1989
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CA FID UST:

Facility ID:	43012221
Regulated By:	UTNKA
Regulated ID:	Not reported

MOBIL (CONOCOPHILLIPS) (Continued) **S101594638**

Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087328900
Mail To:	Not reported
Mailing Address:	2868 PROSPECT PARK DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

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21 **MOBIL (CONOCOPHILLIPS)** **HAZNET** **S105082351**
801 N FAIR OAKS AVE **LUST** **N/A**
SUNNYVALE, CA 94086 **HIST LUST**

HAZNET:

Gepaid:	CA0001036508
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Transfer Station
Tons:	0.16
Facility County:	Not reported

Gepaid:	CA0001036508
Contact:	TOSCO MARKETING
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Tons:	.0417
Facility County:	Santa Clara

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported

MOBIL (CONOCOPHILLIPS) (Continued) **S105082351**

How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608500259
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1989-11-22 00:00:00
Pollution Char: 2005-08-22 00:00:00
Remed Plan: Not reported
Remed Action: 2002-08-15 00:00:00
Monitoring: 2005-08-22 00:00:00
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1984-12-31 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: 2004-07-01 00:00:00
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: 310
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Post remedial action monitoring
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Steve Pao
RP Address: P.O. BOX 1257
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZSC
Staff Initials: LL
Lead Agency: Local Agency
Local Agency: 43000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W19K01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

MOBIL (CONOCOPHILLIPS) (Continued) **S105082351**

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W19K01
Region Code:	2
Oversite Agency:	SCCDEH
Date Listed:	1985-01-01 00:00:00
Closed Date:	Not reported

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21 **TOSCO NORTHWEST CO NO 11231** **RCRA-SQG** **1000985237**
801 N FAIR OAKS AVE **FINDS** **CA0001036508**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	TOSCO NORTHWEST CO (206) 442-7000
EPA ID:	CA0001036508
Contact:	LYNN CHUN (206) 442-7193
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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21 **MOBIL** **Cortese** **S104397047**
801 FAIR OAKS AVE N **N/A**
SUNNYVALE, CA 94086

Cortese:

Region:	CORTESE
Facility Addr2:	801 FAIR OAKS AVE N

22	**DATA GENERAL CORPORATION SUNNYVALE** **433 NORTH MATHILDA AVENUE B** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **HAZNET** **LUST** **SLIC** **CERC-NFRAP** **HIST UST** **ENVIROSTOR**	**1000142594** **CAD069104255**

RCRAInfo:

Owner: DATA GENERAL CORP
(408) 739-9200
EPA ID: CAD069104255

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 10/24/1983
Actual Date Achieved Compliance: 12/22/1983

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/24/1983
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19831222

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid: CAL000077294
Contact: ROHM USA CORP
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 62377
Mailing City,St,Zip: SUNNYVALE, CA 940882377
Gen County: Santa Clara

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Laboratory waste chemicals
Disposal Method: Disposal, Other
Tons: .1500
Facility County: Santa Clara

Gepaid: CAL000277785
Contact: GEORGE SERFACE
Telephone: 4085306156
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 120 SAN GABRIEL DR
Mailing City,St,Zip: SUNNYVALE, CA 94086
Gen County: Santa Clara
TSD EPA ID: CAL000190816
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.12
Facility County: Santa Clara

Gepaid: CAL000277785
Contact: GEORGE SERFACE
Telephone: 4085306156
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 120 SAN GABRIEL DR
Mailing City,St,Zip: SUNNYVALE, CA 94086
Gen County: Santa Clara
TSD EPA ID: AZD009015389
TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Tons: 0.2
Facility County: Not reported

Gepaid: CAD069104255
Contact: DATA GENERAL CORP
Telephone: 4087399200
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 433 NO MATHILDA AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: WAD009477175
TSD County: 99
Waste Category: Organic solids with halogens
Disposal Method: Recycler
Tons: 1.2500
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:
Region: STATE

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Case Type: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: COSTRE
How Discovered: RPR
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL18259680
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2002-04-30 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: 1993-10-01 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: VOC
Contact Person: Not reported
Responsible Party: DATA GENERAL CORP
RP Address: COMPUTER DR
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MRF
Staff Initials: Not reported
Lead Agency: Not reported
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MS_T
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1825900
Case Number: SL18259680
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:

Region:	STATE
Global Id:	SL18259680
Assigned Name:	SLICSITE
Lead Agency Contact:	Not reported
Lead Agency:	Not reported
Lead Agency Case Number:	Not reported
Responsible Party:	DATA GENERAL CORP
Recent Dtw:	Not reported
Substance Released:	VOC
Facility Status:	**Case Closed**

SLIC:

Region:	2
Facility ID:	SL18259680
Facility Status:	Case Closed
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	RPR
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CERC-NFRAP:

Site ID:	0901540
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Dan McMindes
Contact Tel:	(415) 972-3401
Contact Title:	Site Assessment Manager (SAM)

Site Description: Site is a source of groundwater contamination with volatile organic compounds.

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

However, the California Regional Water Quality Control Board has overseen source removal and groundwater extraction and treatment. Monitoring is continuing. Site contamination does not warrant continued Federal Superfund assessment.

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/01/1985
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 11/01/1987
Priority Level: Low

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 11/10/1988
Priority Level: Low

Action: SITE REASSESSMENT
Date Started: 10/29/2001
Date Completed: 07/17/2002
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 09/24/2002
Priority Level: Not reported

HIST UST:

Region: STATE
Facility ID: 00000066638
Tank Num: 001
Container Num: 1
Year Installed: 1978
Tank Capacity: 00001500
Facility Type: Other
Other Type: SEMICONDUCTOR MFG.
Total Tanks: 0005
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Unkown gauge
Leak Detection: Visual, Groundwater Monitoring Well
Contact Name: VAHE SARKISSIAN
Telephone: 4087399200
Owner Name: DATA GENERAL CORP.
Owner Address: 4400 COMPUTER DRIVE
Owner City,St,Zip: WESTBORO, MA 01580

Region: STATE
Facility ID: 00000066638
Tank Num: 002
Container Num: 2
Year Installed: 1985
Tank Capacity: 00000500

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Facility Type: Other
Other Type: SEMICONDUCTOR MFG.
Total Tanks: 0005
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual
Contact Name: VAHE SARKISSIAN
Telephone: 4087399200
Owner Name: DATA GENERAL CORP.
Owner Address: 4400 COMPUTER DRIVE
Owner City,St,Zip: WESTBORO, MA 01580

Region: STATE
Facility ID: 00000066638
Tank Num: 003
Container Num: 3
Year Installed: 1978
Tank Capacity: 00003150
Facility Type: Other
Other Type: SEMICONDUCTOR MFG.
Total Tanks: 0005
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual
Contact Name: VAHE SARKISSIAN
Telephone: 4087399200
Owner Name: DATA GENERAL CORP.
Owner Address: 4400 COMPUTER DRIVE
Owner City,St,Zip: WESTBORO, MA 01580

Region: STATE
Facility ID: 00000066638
Tank Num: 004
Container Num: 4
Year Installed: 1978
Tank Capacity: 00003150
Facility Type: Other
Other Type: SEMICONDUCTOR MFG.
Total Tanks: 0005
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual
Contact Name: VAHE SARKISSIAN
Telephone: 4087399200
Owner Name: DATA GENERAL CORP.
Owner Address: 4400 COMPUTER DRIVE
Owner City,St,Zip: WESTBORO, MA 01580

Region: STATE
Facility ID: 00000066638
Tank Num: 005
Container Num: 5
Year Installed: 1978
Tank Capacity: 00000050

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Facility Type: Other
Other Type: SEMICONDUCTOR MFG.
Total Tanks: 0005
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual
Contact Name: VAHE SARKISSIAN
Telephone: 4087399200
Owner Name: DATA GENERAL CORP.
Owner Address: 4400 COMPUTER DRIVE
Owner City,St,Zip: WESTBORO, MA 01580

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360126
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 1994-04-07 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3877777777778
Longitude: -122.030833333333
Alias Name: 43360126
DATA GENERAL
Alias Type: Calsites ID Number
Alternate Name
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1994-03-17 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003, 10119
Potenital Description: * HALOGENATED SOLVENTS

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Potenital Description:	* ACID SOLUTION 2>PH WITH METALS
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

---

22 **ZYMOS CORP**
477 N MATHILDA AVE
SUNNYVALE, CA 94086

RCRA-SQG
FINDS
HAZNET
LUST
RCRA-TSDF
SLIC
CORRACTS
CERC-NFRAP
HIST UST

1000342105
CAD000625905

RCRAInfo Corrective Action Summary:

Event:	CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date:	06/01/1988

RCRAInfo:

Owner:	ZYMOS CORPORATION (408) 730-8800
EPA ID:	CAD000625905
Contact:	Not reported
Classification:	TSDF
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD000625905
Contact:	--
Telephone:	4087308800
Facility Addr2:	Not reported
Mailing Name:	Not reported

ZYMOS CORP (Continued) **1000342105**

Mailing Address: 477 NO MATHILDA AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Tons: 1.57
Facility County: Not reported

Gepaid: CAD000625905
Contact: --
Telephone: 4087308800
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 477 NO MATHILDA AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: 0.74
Facility County: Not reported

Gepaid: CAD000625905
Contact: MATHILDA DEVELOPMENT
Telephone: 4084932610
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 845 PAGE MILL ROAD
Mailing City,St,Zip: PALO ALTO, CA 934040000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Tons: 1.4000
Facility County: Santa Clara

Gepaid: CAD000625905
Contact: MATHILDA DEVELOPMENT
Telephone: 4084932610
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 845 PAGE MILL ROAD
Mailing City,St,Zip: PALO ALTO, CA 934040000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Disposal, Other
Tons: .2500
Facility County: Santa Clara

Gepaid: CAD000625905
Contact: MATHILDA DEVELOPMENT

ZYMOS CORP (Continued) **1000342105**

Telephone:	4084932610
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	845 PAGE MILL ROAD
Mailing City,St,Zip:	PALO ALTO, CA 934040000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	4.5345
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
55 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	COSTRE
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SLT2O336226
Stop Date:	Not reported
Confirm Leak:	2001-03-08 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	Not reported
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Leak being confirmed
Chemical:	Not reported
Contact Person:	Not reported
Responsible Party:	KEVIN SARKISIAN
RP Address:	888 DOOLITTLE DRIVE
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*

ZYMOS CORP (Continued) **1000342105**

MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MRF
Staff Initials: Not reported
Lead Agency: Not reported
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: SLT2O336226
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0608591615
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: 1987-06-01 00:00:00
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1987-03-04 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Preliminary site assessment workplan submitted

ZYMOS CORP (Continued) **1000342105**

Chemical: Perchlorethylene
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: CTH
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 43S0149
Qty Leaked: 0
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Region: STATE
Case Type: Undefined
Cross Street: Not reported
Enf Type: Not reported
Funding: Federal
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0608591749
Stop Date: 1988-05-11 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 1987-08-08 00:00:00
Close Date: Not reported
Discover Date: 1988-05-11 00:00:00
Enforcement Dt: Not reported
Release Date: 1988-05-11 00:00:00
Review Date: 2000-05-10 00:00:00
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported

ZYMOS CORP (Continued) **1000342105**

Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Post remedial action monitoring
Chemical: Misc. Motor Vehicle Fuels
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: Not reported
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-1920
Case Number: 43-1920
Qty Leaked: Not reported
Abate Method: Containment Barrier - install vertical dike to block horizontal movement of contaminant
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: SMS ALSO-FILE 14TH FL

SLIC:
Region: STATE
Global Id: SLT2O336226
Assigned Name: SLICSITE
Lead Agency Contact: Not reported
Lead Agency: Not reported
Lead Agency Case Number: Not reported
Responsible Party: KEVIN SARKISIAN
Recent Dtw: Not reported
Substance Released: Not reported
Facility Status: **Not reported**

SLIC:
Region: 2
Facility ID: 43S0149
Facility Status: Preliminary site assessment workplan submitted
Date Closed: Not reported

ZYMOS CORP (Continued) **1000342105**

Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: 6/1/1987
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility ID: 43-1920
Facility Status: Post remedial action monitoring
Date Closed: Not reported
Local Case #: 43-1920
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 8/8/1987

Region: 2
Facility ID: SLT2O336226
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORRACTS:

EPA ID: CAD000625905
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 06/01/1988
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing

ZYMOS CORP (Continued) **1000342105**

CERC-NFRAP:

Site ID:	0900920
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	05/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	11/01/1987
Priority Level:	Low
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	06/01/1988
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	06/01/1988
Priority Level:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000021946
Tank Num:	001
Container Num:	001
Year Installed:	1980
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	SEMI MANUFACTURER
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	12 gauge
Leak Detection:	Groundwater Monitoring Well
Contact Name:	MARTY SANDERS
Telephone:	4087308800
Owner Name:	ZYMOS CORPORATION
Owner Address:	477 N. MATHILDA AVENUE

ZYMOS CORP (Continued) **1000342105**

Owner City,St,Zip: SUNNYVALE, CA 94086

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23 **EXXON** **Cortese** **S104397042**
920 DUANE AVE E **N/A**
SUNNYVALE, CA

Cortese:
Region: CORTESE
Facility Addr2: 920 DUANE AVE E

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23 **JIM'S SERVICE** **HAZNET** **S100937821**
920 E DUANE **LUST** **N/A**
SUNNYVALE, CA 94086 **HIST LUST**

HAZNET:
Gepaid: CAL000117189
Contact: JIM WALLS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 920 E DUANE AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAL000048571
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .2085
Facility County: Santa Clara

Gepaid: CAL000117189
Contact: JIM WALLS/OWNER
Telephone: 4087369180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 920 E DUANE AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.05
Facility County: Not reported

Gepaid: CAL000117189
Contact: JIM WALLS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 920 E DUANE AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara

JIM'S SERVICE (Continued) **S100937821**

TSD EPA ID:	CAD009466392
TSD County:	7
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	10.1400
Facility County:	Santa Clara

LUST:

Region:	STATE
Case Type:	Drinking Water Aquifer affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500586
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1998-02-10 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1998-01-28 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	1997-11-19 00:00:00
GW Qualifier:	=
Soil Qualifier:	Not reported
Max MTBE GW ppb:	5
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Jim Walls
RP Address:	738 San Rafael
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	2
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	CT
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN

JIM'S SERVICE (Continued) **S100937821**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W29D02f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W29D02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W29D02
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1998-02-10 00:00:00
Closed Date: 1998-02-10 00:00:00

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23 **WALLS' EXXON** **LUST** **S107997189**
920 E DUANE AVE **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W29D01f
Closed Date: 12/29/1995
Lop Number: Walls' Exxon

23 **JIM'S SERVICE** **LUST** **S107996123**
920 E DUANE **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W29D02f
Closed Date:	2/10/1998
Lop Number:	Not reported

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23 **WALLS' EXXON** **LUST** **S101594422**
920 E DUANE AVE **CA FID UST** **N/A**
SUNNYVALE, CA 94086 **HIST LUST**
SWEEPS UST

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608502273
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1995-12-29 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1984-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Jim Walls
RP Address:	738 San Rafael
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff:	ZSC

WALLS' EXXON (Continued) **S101594422**

Staff Initials: CT
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W29D01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W29D01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CA FID UST:
Facility ID: 43000707
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087389799
Mail To: Not reported
Mailing Address: 920 E DUANE AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SUNNYVALE 94086
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

WALLS' EXXON (Continued) **S101594422**

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W29D01
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1985-01-01 00:00:00
Closed Date:	1995-12-29 00:00:00

SWEEPS UST:

Status:	A
Comp Number:	1194
Number:	9
Board Of Equalization:	Not reported
Ref Date:	07-31-90
Act Date:	07-31-90
Created Date:	07-31-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001194-119403
Actv Date:	12-05-90
Capacity:	280
Tank Use:	OIL
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	3

Status:	A
Comp Number:	1194
Number:	9
Board Of Equalization:	Not reported
Ref Date:	07-31-90
Act Date:	07-31-90
Created Date:	07-31-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001194-119404
Actv Date:	12-05-90
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	LEADED
Number Of Tanks:	Not reported

Status:	A
Comp Number:	1194
Number:	9
Board Of Equalization:	Not reported
Ref Date:	07-31-90
Act Date:	07-31-90
Created Date:	07-31-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001194-119405
Actv Date:	12-05-90
Capacity:	10000
Tank Use:	M.V. FUEL

WALLS' EXXON (Continued) **S101594422**

Stg: P
Content: LEADED
Number Of Tanks: Not reported

24	**562 N. BRITTON AVE.** **562 N. BRITTON AVE.** **SUNNYVALE, CA 94085**	**ERNS**	**2006790072** **N/A**

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

25	**AMD** **915 DEGUIGNE DR** **SUNNYVALE, CA 94085**	**LUST** **UST** **SLIC**	**U003779122** **N/A**

LUST:

Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: LET
Funding: COSTRE
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL720051206
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 2002-07-02 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remedial action (cleanup) Underway
Chemical: 39180, VOC
Contact Person: Not reported
Responsible Party: ADVANCED MICRO DEVICES
RP Address: PO BOX 3453 MAIL STOP 5
Interim: Not reported

AMD (Continued) **U003779122**

Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 7200500
Case Number: 43S0836
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

UST:
Region: STATE
Local Agency: Sunnyvale, Santa Clara County
Facility ID: 43-007-431436

SLIC:
Region: STATE
Global Id: SL720051206
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0836
Responsible Party: ADVANCED MICRO DEVICES
Recent Dtw: Not reported
Substance Released: 39180, VOC
Facility Status: **Remedial Action Underway**

SLIC:
Region: 2
Facility ID: 43S0836
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported

AMD (Continued) **U003779122**

Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

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26 **T-M MANUFACTURING**
695 EAST ARQUES AVENUE
SUNNYVALE, CA

LUST **S107473178**
SLIC **N/A**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	FAIR OAKS
Enf Type:	13267R
Funding:	COSTRE
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL0608532731
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	2005-09-04 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	Not reported
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Pollution Characterization
Chemical:	Not reported
Contact Person:	Not reported
Responsible Party:	JOSEPH BRADFORD
RP Address:	Not reported
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	MS
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported

T-M MANUFACTURING (Continued) **S107473178**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 2020179
Case Number: 43S1063
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL0608532731
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S1063
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: Not reported
Facility Status: Pollution Characterization

26
T-M MANUFACTURING COMPANY
695 E ARQUES AVE
SUNNYVALE, CA 94086

HAZNET
HIST UST
CA WDS

U001594923
N/A

HAZNET:
Gepaid: CAL000011797
Contact: MICHAEL BRUGGE PRESIDENT
Telephone: 4087365202
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1345 DORINNE LN
Mailing City,St,Zip: MENLO PARK, CA 94025
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Santa Clara
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 0.43
Facility County: Santa Clara

Gepaid: CAL000011797
Contact: MICHAEL BRUGGE PRESIDENT
Telephone: 4087365202
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1345 CORINNE LN
Mailing City,St,Zip: MENLO PARK, CA 94025
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento

T-M MANUFACTURING COMPANY (Continued) **U001594923**

Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.2
Facility County:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000052962
Tank Num:	001
Container Num:	(1)
Year Installed:	Not reported
Tank Capacity:	00004000
Facility Type:	Other
Other Type:	Not reported
Total Tanks:	0001
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087365202
Owner Name:	T-M MANUFACTURING COMPANY
Owner Address:	695 E. ARQUES AVE
Owner City,St,Zip:	SUNNYVALE, CA 94086

CA WDS:

Facility ID:	San Francisco Bay 43I006827
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4087365202
Facility Contact:	MICHAEL S BRUGGE
Agency Name:	TM MFG CO
Agency Address:	695 E Arques Ave
Agency City,St,Zip:	Sunnyvale 940853832
Agency Contact:	MICHAEL S BRUGGE
Agency Telephone:	4087365202
Agency Type:	Private
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should

T-M MANUFACTURING COMPANY (Continued) **U001594923**

cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Facility ID:	San Francisco Bay 43I018791
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4087365202
Facility Contact:	Dayle Hayes
Agency Name:	TM INDUSTRIES INC
Agency Address:	695 E Arques Ave
Agency City,St,Zip:	Sunnyvale 94085
Agency Contact:	Dayle Hayes
Agency Telephone:	4087365202
Agency Type:	Private
SIC Code:	3499
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

26 **T-M INDUSTRIES, INC** **EMI** **S106840458**
695 E ARQUES AVENUE **N/A**
SUNNYVALE, CA 94086

EMI:
Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2406
Air District Name: BA
SIC Code: 3613
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2406
Air District Name: BA
SIC Code: 3613
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2406
Air District Name: BA
SIC Code: 3613
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF

T-M INDUSTRIES, INC (Continued) **S106840458**

Facility ID:	2406
Air District Name:	BA
SIC Code:	3613
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2406
Air District Name:	BA
SIC Code:	3613
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.071
Reactive Organic Gases Tons/Yr:	0.0701409
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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26 **NANOMETRICS INCORPORATED**
690 EAST ARQUES AVE
SUNNYVALE, CA 94086

RCRA-SQG **1000334670**
FINDS **CAD982516221**
HAZNET

RCRAInfo:

Owner:	CA STATE TEACHERS (415) 555-1212
EPA ID:	CAD982516221
Contact:	ENVIRONMENTAL MANAGER (408) 735-1044
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NANOMETRICS INCORPORATED (Continued) **1000334670**

HAZNET:

Gepaid: CAD982516221
Contact: INACTIVE PER FEE FORM 4-94
Telephone: 0
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 690 EAST ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: NVD980895338
TSD County: Santa Clara
Waste Category: Alkaline solution without metals (pH > 12.5)
Disposal Method: Treatment, Tank
Tons: 1.14
Facility County: Santa Clara

Gepaid: CAD982516221
Contact: INACTIVE PER FEE FORM 4-94
Telephone: 0
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 690 EAST ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: NVD980895338
TSD County: Santa Clara
Waste Category: Liquids with chromium (VI) > 500 mg/l
Disposal Method: Treatment, Tank
Tons: 1.6
Facility County: Santa Clara

Gepaid: CAD982516221
Contact: INACTIVE PER FEE FORM 4-94
Telephone: 0
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 690 EAST ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: NVD980895338
TSD County: Santa Clara
Waste Category: Liquids with nickel > 134 mg/l
Disposal Method: Disposal, Land Fill
Tons: 0.16
Facility County: Santa Clara

Gepaid: CAD982516221
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 690 EAST ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

NANOMETRICS INCORPORATED (Continued) **1000334670**

Disposal Method:	Recycler
Tons:	.0208
Facility County:	Santa Clara

Gepaid:	CAD982516221
Contact:	INACTIVE PER FEE FORM 4-94
Telephone:	--
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	690 EAST ARQUES AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Disposal, Land Fill
Tons:	1.25
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
additional CA_HAZNET: detail in the EDR Site Report.

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26 **T-M MANUFACTURING CO. INC.**
695 E ARQUES
SUNNYVALE, CA 94086

HAZNET **S101623148**
CA FID UST **N/A**
SWEEPS UST

HAZNET:

Gepaid:	CAL000011797
Contact:	MICHAEL BRUGGE PRESIDENT
Telephone:	4087365202
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	695 E ARQUES AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940853832
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.37
Facility County:	Not reported

Gepaid:	CAL000011797
Contact:	EDWARD S BRUGGE
Telephone:	4087365202
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	695 E ARQUES AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940853832
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	1.2510
Facility County:	Santa Clara

T-M MANUFACTURING CO. INC. (Continued) **S101623148**

Gepaid: CAL000011797
Contact: EDWARD S BRUGGE
Telephone: 4087365202
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 695 E ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940853832
Gen County: Santa Clara
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 1.8556
Facility County: Santa Clara

Gepaid: CAL000011797
Contact: EDWARD S BRUGGE
Telephone: 4087365202
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 695 E ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940853832
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: .1334
Facility County: Santa Clara

Gepaid: CAL000011797
Contact: EDWARD S BRUGGE
Telephone: 4087365202
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 695 E ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940853832
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .0667
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

CA FID UST:
Facility ID: 43008096
Regulated By: UTNKA
Regulated ID: CAD049975
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087365202
Mail To: Not reported
Mailing Address: 695 E ARQUES

T-M MANUFACTURING CO. INC. (Continued) **S101623148**

Mailing Address 2: Not reported
Mailing City,St,Zip: SUNNYVALE 94086
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 2173
Number: 1
Board Of Equalization: Not reported
Ref Date: 07-27-90
Act Date: 07-27-90
Created Date: 07-27-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-002173-217302
Actv Date: 08-27-93
Capacity: 5000
Tank Use: CHEMICAL
Stg: W
Content: UNK
Number Of Tanks: 1

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26 **LEFCO,INC** **HAZNET** **S108212022**
698 E TAYLOR AVE **N/A**
SUNNYVALE, CA 94085

HAZNET:
Gepaid: CAL000283833
Contact: TODD LEFFLER
Telephone: 4087325510
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 698 E TAYLOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 94085
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 1.14
Facility County: Not reported

Gepaid: CAL000283833
Contact: TODD LEFFLER
Telephone: 4087325510
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 698 E TAYLOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 94085
Gen County: Santa Clara
TSD EPA ID: CAD059494310

LEFCO,INC (Continued) **S108212022**

TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 1.14
Facility County: Not reported

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26 **MULTI SWISS TECHNOLOGY**
680 EAST TAYLOR AVE
SUNNYVALE, CA 94086

RCRA-SQG **1000596214**
FINDS **CAD983601774**
HAZNET

RCRAInfo:

Owner: JACK COREY
(415) 583-9682
EPA ID: CAD983601774

Contact: ELLYN SCHERLER
(408) 738-8677

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD983601774
Contact: JACK COREY
Telephone: 4155839682
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 100 SAN LUCAR COURT
Mailing City,St,Zip: SUNNYVALE, CA 940865213
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: 1.1466
Facility County: Santa Clara

Gepaid: CAD983601774
Contact: JACK COREY
Telephone: 4155839682
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 100 SAN LUCAR COURT
Mailing City,St,Zip: SUNNYVALE, CA 940865213

MULTI SWISS TECHNOLOGY (Continued) **1000596214**

Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: 3.6693
Facility County: Santa Clara

Gepaid: CAD983601774
Contact: JACK COREY
Telephone: 4155839682
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 100 SAN LUCAR COURT
Mailing City,St,Zip: SUNNYVALE, CA 940865213
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Disposal, Other
Tons: 5.5038
Facility County: Santa Clara

Gepaid: CAD983601774
Contact: JACK COREY
Telephone: 4155839682
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 100 SAN LUCAR COURT
Mailing City,St,Zip: SUNNYVALE, CA 940865213
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: 1.6053
Facility County: Santa Clara

Gepaid: CAD983601774
Contact: JACK COREY
Telephone: 4155839682
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 100 SAN LUCAR COURT
Mailing City,St,Zip: SUNNYVALE, CA 940865213
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: .2293
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

26	**PYRAMID PAINTING INC** **636 TAYLOR ST** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **HAZNET** **HIST UST**	**1000149806** **CAD982040172**

RCRAInfo:

Owner:	HUGO GISSKE (415) 555-1212
EPA ID:	CAD982040172
Contact:	ENVIRONMENTAL MANAGER (408) 739-1947
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD982040172
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 215
Mailing City,St,Zip:	MOUNTAIN VIEW, CA 940420215
Gen County:	Santa Clara
TSD EPA ID:	CAT009452657
TSD County:	0
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Not reported
Tons:	.2293
Facility County:	Santa Clara

Gepaid:	CAD982040172
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 215
Mailing City,St,Zip:	MOUNTAIN VIEW, CA 940420215
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Disposal, Other
Tons:	1.3758
Facility County:	Santa Clara

PYRAMID PAINTING INC (Continued) **1000149806**

Gepaid:	CAD982040172
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 215
Mailing City,St,Zip:	MOUNTAIN VIEW, CA 940420215
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Disposal, Other
Tons:	.6880
Facility County:	Santa Clara

Gepaid:	CAD982040172
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 215
Mailing City,St,Zip:	MOUNTAIN VIEW, CA 940420215
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	.6880
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST UST:

Region:	STATE
Facility ID:	00000016254
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	PAINTING CONTRACTOR
Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	HUGO C. GISSKE
Telephone:	4087391947
Owner Name:	ROY RING
Owner Address:	P. O. BOX 4343
Owner City,St,Zip:	SANTA ROSA, CA 94502

Region:	STATE
Facility ID:	00000016254
Tank Num:	002
Container Num:	2

PYRAMID PAINTING INC (Continued) **1000149806**

Year Installed:	Not reported
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	PAINTING CONTRACTOR
Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	HUGO C. GISSKE
Telephone:	4087391947
Owner Name:	ROY RING
Owner Address:	P. O. BOX 4343
Owner City,St,Zip:	SANTA ROSA, CA 94502

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26 **PACIFIC BELL** **RCRA-SQG** **1000251299**
616 TAYLOR STREET **FINDS** **CAT080021389**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAT080021389
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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26 **PHILIPS SEMICONDUCTOR** **LUST** **S107996531**
440 N WOLFE RD, **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W30G02f
Closed Date:	10/31/1995
Lop Number:	Not reported

26 PHILIPS SEMICONDUCTORS
440 N WOLFE RD
SUNNYVALE, CA 94088

FINDS
HAZNET
LUST
RCRA-LQG
CA FID UST
HIST LUST
CLEANERS
EMI
SWEEPS UST

1000314215
CAT000614156

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAT000614156
Contact:	GLEN TSUKAMOTO/ENV MANAGER
Telephone:	4089914129
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Organic solids with halogens
Disposal Method:	Not reported
Tons:	28.79
Facility County:	Not reported

Gepaid:	CAT000614156
Contact:	GLEN TSUKAMOTO/ENV MANAGER
Telephone:	4089914129
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Contra Costa
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.77

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

Facility County:	Not reported

Gepaid:	CAT000614156
Contact:	GLEN TSUKAMOTO/ENV MANAGER
Telephone:	4089914129
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Kings
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	33.71
Facility County:	Not reported

Gepaid:	CAT000614156
Contact:	GLEN TSUKAMOTO/ENV MANAGER
Telephone:	4089914129
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Not reported
Tons:	4.4
Facility County:	Not reported

Gepaid:	CAT000614156
Contact:	GLEN TSUKAMOTO/ENV MANAGER
Telephone:	4089914129
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Kings
Waste Category:	Other organic solids
Disposal Method:	Disposal, Land Fill
Tons:	0.01
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
64 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501833
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1995-10-31 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1994-01-01 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: Ray Sajor
RP Address: 440 N Wolfe Rd
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZSC
Staff Initials: CT
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W30G02f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S1W30G02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

RCRAInfo:

Owner:	SIGNETICS CORP (408) 739-7700
EPA ID:	CAT000614156
Contact:	ENVIRONMENTAL MANAGER
Classification:	Large Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

CA FID UST:

Facility ID:	43000264
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4089914007
Mail To:	Not reported
Mailing Address:	440 N WOLFE RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W30G02
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1995-03-14 00:00:00
Closed Date:	1995-10-31 00:00:00

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

CLEANERS:

EPA Id:	CAT000614156
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/23/1982
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	2
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR
Contact Address 2:	Not reported
Contact Telephone:	4084746129

EPA Id:	CAT000614156
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7212
SIC Description:	Garment Pressing, and Agents for Laundries and Drycleaners
Create Date:	07/23/1982
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	2
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR
Contact Address 2:	Not reported
Contact Telephone:	4084746129

EPA Id:	CAT000614156
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7216
SIC Description:	Drycleaning Plants, Except Rug Cleaning
Create Date:	07/23/1982
Facility Active:	Yes
Inactive Date:	Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	2
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR
Contact Address 2:	Not reported
Contact Telephone:	4084746129

EPA Id:	CAT000614156
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7219
SIC Description:	Laundry and Garment Services, NEC (except diaper service and clothing alteration and repair)
Create Date:	07/23/1982
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	2
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR
Contact Address 2:	Not reported
Contact Telephone:	4084746129

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1326
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1326
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1326
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1326
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1326
Air District Name: BA
SIC Code: 3674

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1326
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1326
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1326
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1326
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1326
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1326
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1326
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.06
Reactive Organic Gases Tons/Yr:	0.041916
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

SWEEPS UST:

Status:	Not reported
Comp Number:	2279
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002279-227901
Actv Date:	Not reported
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	4

Status:	Not reported
Comp Number:	2279
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002279-227903
Actv Date:	Not reported
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	2279
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000314215**

Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002279-227904
Actv Date:	Not reported
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	2279
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002279-227905
Actv Date:	Not reported
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	A
Comp Number:	2279
Number:	1
Board Of Equalization:	Not reported
Ref Date:	02-12-92
Act Date:	02-12-92
Created Date:	07-31-90
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

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26 **PHILLIPS RESEARCH LAB-SUNNYVAL** **HIST UST** **U001594985**
440 N WOLFE RD **N/A**
SUNNYVALE, CA 94088

HIST UST:

Region:	STATE
Facility ID:	00000034366
Tank Num:	001
Container Num:	1
Year Installed:	1978
Tank Capacity:	00048000
Facility Type:	Other
Other Type:	SEMICONDUCTOR

PHILLIPS RESEARCH LAB-SUNNYVAL (Continued) **U001594985**

Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	DENNIS KETTMAN
Telephone:	4087397700
Owner Name:	SIGNETICS CORPORATION
Owner Address:	811 E. ARQUES AVENUE
Owner City,St,Zip:	SUNNYVALE, CA 94088

Region:	STATE
Facility ID:	00000034366
Tank Num:	002
Container Num:	2
Year Installed:	1983
Tank Capacity:	00040000
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0002
Tank Used for:	Not reported
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	DENNIS KETTMAN
Telephone:	4087397700
Owner Name:	SIGNETICS CORPORATION
Owner Address:	811 E. ARQUES AVENUE
Owner City,St,Zip:	SUNNYVALE, CA 94088

26

PHILLIPS SEMICONDUCTORS
440 WOLFE RD N
SUNNYVALE, CA 94088

Cortese **S102435221**
N/A

Cortese:

Region:	CORTESE
Facility Addr2:	440 WOLFE RD N

26

FOUR D METAL FINISHING INCORPORATED
620 EAST TAYLOR AVE
SUNNYVALE, CA 94086

FINDS **1000352130**
HAZNET **CAD981421860**
RCRA-LQG
CA WDS

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required

FOUR D METAL FINISHING INCORPORATED (Continued) **1000352130**

under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid:	CAD981421860
Contact:	PETER DEGUARA/PRESIDENT
Telephone:	4087305722
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	620 E TAYLOR AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940853814
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Disposal, Land Fill
Tons:	5.04
Facility County:	Not reported

Gepaid:	CAD981421860
Contact:	PETER DEGUARA/PRESIDENT
Telephone:	4087305722
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	620 E TAYLOR AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940853814
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Land Fill
Tons:	1.50
Facility County:	Not reported

Gepaid:	CAD981421860
Contact:	PETER DEGUARA
Telephone:	4082454162
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	620 E TAYLOR AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940863814
Gen County:	Santa Clara
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Recycler

FOUR D METAL FINISHING INCORPORATED (Continued) **1000352130**

Tons: 20.9000
Facility County: Santa Clara

Gepaid: CAD981421860
Contact: PETER DEGUARA
Telephone: 4082454162
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 620 E TAYLOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863814
Gen County: Santa Clara
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Recycler
Tons: 9.6
Facility County: Santa Clara

Gepaid: CAD981421860
Contact: PETER DEGUARA/PRESIDENT
Telephone: 4087305722
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 620 E TAYLOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940853814
Gen County: Santa Clara
TSD EPA ID: NVD980895338
TSD County: Santa Clara
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Treatment, Tank
Tons: 2.29
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
14 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981421860

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.10-12.A
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/13/1993
Actual Date Achieved Compliance: 01/14/1994

Regulation Violated: 262.10-12.A
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/01/1993
Actual Date Achieved Compliance: 12/13/1993

FOUR D METAL FINISHING INCORPORATED (Continued) **1000352130**

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940114
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19931213

CA WDS:

Facility ID:	San Francisco Bay 43I006655
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	FOUR-D METAL FINISHING, INC.
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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26 **WEMCO/FUTRONIX INC.** **HIST UST** **U001594939**
612 E TAYLOR AVE **N/A**
SUNNYVALE, CA 94086

HIST UST:

Region:	STATE
Facility ID:	00000028598
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	LANDSCAPE SERVICE
Total Tanks:	0002
Tank Used for:	PRODUCT

WEMCO/FUTRONIX INC. (Continued) **U001594939**

Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Sensor Instrument
Contact Name:	MIKE ECCLES
Telephone:	4087351122
Owner Name:	WORTHING TRUST ENTERPRISES
Owner Address:	P.O. BOX 2269
Owner City,St,Zip:	SUNNYVALE, CA 94087

Region:	STATE
Facility ID:	00000028598
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	LANDSCAPE SERVICE
Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Sensor Instrument
Contact Name:	MIKE ECCLES
Telephone:	4087351122
Owner Name:	WORTHING TRUST ENTERPRISES
Owner Address:	P.O. BOX 2269
Owner City,St,Zip:	SUNNYVALE, CA 94087

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26 **SIGNETICS CORP.**
848 STEWART
SUNNYVALE, CA 94086

RCRA-SQG **1000314201**
FINDS **CAT080013865**
CERC-NFRAP

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAT080013865
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERC-NFRAP:

Site ID: 0902688

SIGNETICS CORP. (Continued) **1000314201**

Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Dan McMindes
Contact Tel:	(415) 972-3401
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	05/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	10/01/1987
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	10/01/1987
Priority Level:	Not reported

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26 **TRW MICROWAVE**
825 STEWART DRIVE
SUNNYVALE, CA

LUST **S100269756**
SLIC **N/A**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	DeGuigne Drive
Enf Type:	TC
Funding:	COSTRE
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL721251223
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	1985-07-02 00:00:00
Monitoring:	Not reported

TRW MICROWAVE (Continued) **S100269756**

Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Remedial action (cleanup) Underway
Chemical:	PCE, TCE
Contact Person:	Not reported
Responsible Party:	NORTHROP GRUMMAN (FORMERLY TRW CORP
RP Address:	1900 RICHMOND RD
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	MS
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	7212500
Case Number:	43S1005
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

SLIC:

Region:	STATE
Global Id:	SL721251223
Assigned Name:	SLICSITE
Lead Agency Contact:	MAX SHAHBAZIAN
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	43S1005
Responsible Party:	NORTHROP GRUMMAN (FORMERLY TRW CORP
Recent Dtw:	Not reported
Substance Released:	PCE, TCE
Facility Status:	**Remedial Action Underway**

TRW MICROWAVE (Continued) **S100269756**

SLIC:

Region:	2
Facility ID:	43S1005
Facility Status:	Remedial action (cleanup) Underway
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

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26 **APLEX GROUP** **RCRA-SQG** **1001195331**
830 STEWART DR **FINDS** **CAR000018978**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	APLEX GROUP INC (408) 732-8642
EPA ID:	CAR000018978
Contact:	PAUL CHENG (408) 732-8642
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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26 **SIGNETICS CORP** **CERC-NFRAP** **1003878862**
830 STEWART **CAD981408743**
SUNNYVALE, CA 94086

CERC-NFRAP:

Site ID:	0902320
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

SIGNETICS CORP (Continued) **1003878862**

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Dan McMindes
Contact Tel:	(415) 972-3401
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	05/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	11/01/1987
Priority Level:	Low
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	12/29/1988
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	12/29/1988
Priority Level:	Not reported

26	**SCR-FEI (TRW), 825 STEWAR** **825 STEWART** **SUNNYVALE, CA 94086**	**HAZNET** **Cortese** **ENVIROSTOR** **HIST Cal-Sites**	**S103948901** **N/A**

HAZNET:

Gepaid:	CAD009159088
Contact:	FREQUENCY ELECTRONICS
Telephone:	5167944500
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	825 STEWART
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other organic solids
Disposal Method:	Disposal, Other
Tons:	.1000
Facility County:	Santa Clara
Gepaid:	CAD009159088

SCR-FEI (TRW), 825 STEWAR (Continued) **S103948901**

Contact:	FREQUENCY ELECTRONICS
Telephone:	5167944500
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	825 STEWART
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Disposal, Other
Tons:	.1500
Facility County:	Santa Clara

Gepaid:	CAD009159088
Contact:	FREQUENCY ELECTRONICS
Telephone:	5167944500
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	825 STEWART
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Disposal, Other
Tons:	.6672
Facility County:	Santa Clara

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

ENVIROSTOR:

Site Type:	Federal Superfund
Site Type Detailed:	State Response or NPL
Acres:	Not reported
NPL:	YES
Regulatory Agencies:	US EPA
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360094
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1990-02-22 00:00:00
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.3836722222222
Longitude:	-122.012072222222
Alias Name:	CAD009159088 P23086

SCR-FEI (TRW), 825 STEWAR (Continued) **S103948901**

	CAD009159088 AERTECH INDUSTRIES; FEI TRW MICROWAVE, INC. (BUILDING 825) 43360094
Alias Type:	HWIS Identification Code PCode EPA Identification Number Alternate Name Alternate Name Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

HISTORICAL CAL-SITES:

Facility ID:	43360094
Region:	2
Region Name:	BERKELEY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	02221990
Status:	REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Name:	PROPERTY/SITE REFERRED TO RWQCB
Lead Agency:	EPA
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
Facility Type:	NPRP
Type Name:	NPL SITE, RP-FUNDED
NPL:	Listed
SIC Code:	36
SIC Name:	MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported

SCR-FEI (TRW), 825 STEWAR (Continued) **S103948901**

Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	Not reported
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	Not reported
Region Water Control Board Name:	Not reported
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	22
State Senate District Code:	13

Click this hyperlink while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

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27 **SIGNETICS CORP** **RCRA-SQG** **1000314222**
897 STEWART **FINDS** **CAT000614131**
SUNNYVALE, CA 94086 **CERC-NFRAP**

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAT000614131
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERC-NFRAP:

Site ID:	0902639
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

SIGNETICS CORP (Continued) **1000314222**

Contact Name: Dan McMindes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1986
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/01/1987
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 09/01/1987
Priority Level: Not reported

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28 **SCR-STEWART DR. OU, SUB2**
968 STEWART
SUNNYVALE, CA 94086

HAZNET
Cortese
ENVIROSTOR

S100864628
N/A

HAZNET:
Gepaid: CAT080013840
Contact: RICHARD A NELSON
Telephone: 4087388652
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 968 STEWART DR
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD070148432
TSD County: 1
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: .1251
Facility County: Santa Clara

Gepaid: CAT080013840
Contact: RICHARD A NELSON
Telephone: 4087388652
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 968 STEWART DR
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD070148432
TSD County: 1
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: .0834
Facility County: Santa Clara

Gepaid: CAT080013840

SCR-STEWART DR. OU, SUB2 (Continued) **S100864628**

Contact:	RICHARD A NELSON
Telephone:	4087388652
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	968 STEWART DR
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Incineration
Tons:	.1876
Facility County:	Santa Clara

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360036
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Status:	**Refer: RWQCB**
Status Date:	1985-10-01 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3838888888889
Longitude:	-122.003055555556
Alias Name:	CAT080013840 43360036
Alias Type:	EPA Identification Number Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	FACILITY IDENTIFIED ID FROM ERRISFACILITY IDENTIFIED SUPERFUND NOTIFICATION
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1983-10-12 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1981-08-20 00:00:00
Confirmed:	NONE SPECIFIED

SCR-STEWART DR. OU, SUB2 (Continued) **S100864628**

Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	10002, 10003, 10009, 10067, 10198, 30160
Potenital Description:	* HALOGENATED ORGANIC COMPOUNDS
Potenital Description:	* HALOGENATED SOLVENTS
Potenital Description:	* HYDROCARBON SOLVENTS
Potenital Description:	* OXYGENATED SOLVENTS
Potenital Description:	* UNSPECIFIED SOLVENT MIXTURES
Potenital Description:	Cyanide (free)
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

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28 **INPRINT CORP**
968 STEWART DR
SUNNYVALE, CA 94086

RCRA-SQG
FINDS
RCRA-TSDF
CORRACTS
CERC-NFRAP

1000362243
CAT080013840

RCRAInfo Corrective Action Summary:

Event:	CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
Event Date:	Not reported
Event:	CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date:	07/20/1990

RCRAInfo:

Owner:	INPRINT CORPORATION (408) 738-8652
EPA ID:	CAT080013840
Contact:	Not reported
Classification:	TSDF
TSDF Activities:	Not reported
Violation Status:	Violations exist

Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	03/07/1991
Actual Date Achieved Compliance:	07/29/1992
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	07/19/1991
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-MANIFEST REQUIREMENTS

INPRINT CORP (Continued) **1000362243**

Date Violation Determined: 03/07/1991
Actual Date Achieved Compliance: 07/29/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 07/19/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 06/27/1989
Actual Date Achieved Compliance: 09/20/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/11/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-MANIFEST REQUIREMENTS
Date Violation Determined: 06/27/1989
Actual Date Achieved Compliance: 09/20/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/11/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 06/22/1987
Actual Date Achieved Compliance: 05/07/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/14/1987
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/01/1989
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/08/1989
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-MANIFEST REQUIREMENTS
Date Violation Determined: 06/22/1987
Actual Date Achieved Compliance: 05/07/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/14/1987
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 03/01/1989
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/08/1989
Penalty Type: Proposed Monetary Penalty

There are 6 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS	19920729
	TSD-MANIFEST REQUIREMENTS	19920729

INPRINT CORP (Continued) **1000362243**

Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS	19890920
	TSD-MANIFEST REQUIREMENTS	19890920
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS	19900507
	TSD-MANIFEST REQUIREMENTS	19900507

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CORRACTS:

EPA ID:	CAT080013840
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	07/20/1990
Action:	CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s):	323110 335999 Commercial Lithographic Printing All Other Miscellaneous Electrical Equipment and Component Manufacturing

EPA ID:	CAT080013840
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	Not reported
Action:	CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
NAICS Code(s):	323110 335999 Commercial Lithographic Printing All Other Miscellaneous Electrical Equipment and Component Manufacturing

CERC-NFRAP:

Site ID:	0902687
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)

Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

INPRINT CORP (Continued) **1000362243**

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	12/01/1980
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	11/01/1985
Date Completed:	12/01/1987
Priority Level:	Low
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	07/01/1988
Priority Level:	Low
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	07/20/1990
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	07/20/1990
Priority Level:	Not reported

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29 **ADVANCED MICRO DEVICES, INC.**
901 THOMPSON PLAZA, BLDG. 901
SUNNYVALE, CA 94086

CA BOND EXP. PLAN **S100833403**
ENVIROSTOR **N/A**
HIST Cal-Sites

CA BOND EXP. PLAN:

Reponsible Party:	NPL SITE CLEANUP WORKPLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	The responsible party, Advanced Micro Devices, has been conducting remedial activities under the direction of the RWQCB. DHS has budgeted $50,000 for direct costs related to the project. The responsible party will pay all costs associated with remedial investigations and cleanup.
Site Description:	Advanced Micro Devices operates an electronic equipment manufacturing facility at this site. The site occupies about six acres and is surrounded by residential, industrial and commercial development.
Hazardous Waste Desc:	In 1982, soil and ground water contamination was discovered at the site. The source of contamination was attributed to leaks and spills associated with an underground tank and piping system. The types of contaminants detected at the site include trichloroethylene (TCE), dichloroethylene (DCE) and Freon-113. Initial ground water concentrations for TCE were as high as 100 parts per million (ppm).
Threat To Public Health & Env:	About 300,000 people live within 3 miles of the site and depend on ground water as a source of drinking water. Contaminants which have migrated from the site into the ground water represent a potential threat to aquifers used for drinking water.
Site Activity Status:	As an initial remedial measure, an acid neutralization tank, along with contaminated soil, have been removed and extraction wells have been installed along Duane Avenue and Alvarado Avenue and into two aquifers which are threatened. Extracted groundwater is treated by air stripping and carbon adsorption. The site is in the RI/FS stage.

ADVANCED MICRO DEVICES, INC. (Continued) **S100833403**

ENVIROSTOR:

Site Type:	Federal Superfund
Site Type Detailed:	State Response or NPL
Acres:	Not reported
NPL:	YES
Regulatory Agencies:	US EPA
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360092
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1990-01-10 00:00:00
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.3824055555556
Longitude:	-122.009044444444
Alias Name:	P23071 CAD048634059 AMD 901/902; AMD - THOMPSON PLAZA 43360092
Alias Type:	PCode EPA Identification Number Alternate Name Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

HISTORICAL CAL-SITES:

ADVANCED MICRO DEVICES, INC. (Continued) **S100833403**

Facility ID: 43360092
Region: 2
Region Name: BERKELEY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 01101990
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: EPA
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
Facility Type: NPRP
Type Name: NPL SITE, RP-FUNDED
NPL: Listed
SIC Code: 36
SIC Name: MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22
State Senate District Code: 13

Click this hyperlink while viewing on your computer to access
additional CA_CALSITE: detail in the EDR Site Report.

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29 **AMD - BLDG'S 901/902** **LUST** **S106235012**
901-902 THOMPSON PLACE **SLIC** **N/A**
SUNNYVALE, CA

LUST:
Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: LETO
Funding: COSTRE
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL720041205
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 2002-07-02 00:00:00

AMD - BLDG’S 901/902 (Continued) **S106235012**

Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remedial action (cleanup) Underway
Chemical: 39180, VOC
Contact Person: Not reported
Responsible Party: ADVANCED MICRO DEVICES
RP Address: PO BOX 3453 MAIL STOP 5
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 7200400
Case Number: 43S0004
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL720041205
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0004
Responsible Party: ADVANCED MICRO DEVICES
Recent Dtw: Not reported
Substance Released: 39180, VOC

AMD - BLDG’S 901/902 (Continued) **S106235012**

Facility Status: **Remedial Action Underway**

SLIC:
Region: 2
Facility ID: 43S0004
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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30 **EUROPEAN CAR**
275 N FAIROAKS
SUNNYVALE, CA 94086

LUST **S101594582**
Cortese **N/A**
CA FID UST
SWEEPS UST

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W30M02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 275 FAIR OAKS AVE N

CA FID UST:
Facility ID: 43008643
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087366660
Mail To: Not reported
Mailing Address: 275 N FAIROAKS AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SUNNYVALE 94086

EUROPEAN CAR (Continued) **S101594582**

Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	2948
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002948-294801
Actv Date:	Not reported
Capacity:	1000
Tank Use:	OIL
Stg:	WASTE
Content:	WASTE OIL
Number Of Tanks:	2

Status:	Not reported
Comp Number:	2948
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002948-294802
Actv Date:	Not reported
Capacity:	400
Tank Use:	OIL
Stg:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

Status:	A
Comp Number:	2948
Number:	3
Board Of Equalization:	Not reported
Ref Date:	07-30-90
Act Date:	07-30-90
Created Date:	07-30-90
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported

EUROPEAN CAR (Continued) **S101594582**

Content: Not reported
Number Of Tanks: Not reported

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30 **EUROPEAN CAR**
275 N FAIR OAKS
SUNNYVALE, CA 94086

HAZNET
LUST
HIST LUST

S103648762
N/A

HAZNET:
Gepaid: CAL000063927
Contact: M KUSAMO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 275 N FAIR OAKS
Mailing City,St,Zip: SUNNYVALE, CA 940870000
Gen County: Santa Clara
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: .7000
Facility County: Santa Clara

LUST:
Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501932
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1996-01-16 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1994-01-01 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed

EUROPEAN CAR (Continued) **S103648762**

Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: Mato Kusalv
RP Address: 275 N Fairoaks
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZSC
Staff Initials: CT
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W30M02f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30M02
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1995-03-14 00:00:00
Closed Date: 1996-01-16 00:00:00

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30 **AUTOMASTERS**
283 N FAIROAKS
SUNNYVALE, CA 94086

RCRA-SQG **1000820298**
FINDS **CAD983663329**
HAZNET

RCRAInfo:
Owner: JIRI STEPAN
(408) 746-0885
EPA ID: CAD983663329

Contact: GARY HARGER
(408) 746-0885

Classification: Small Quantity Generator
TSDF Activities: Not reported

AUTOMASTERS (Continued) **1000820298**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAD983663329
Contact: JIRI STEPAN
Telephone: 4087460885
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 283 N FAIROAKS
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .4378
Facility County: Santa Clara

Gepaid: CAD983663329
Contact: JIRI STEPAN
Telephone: 4087460885
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 283 N FAIROAKS
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .1876
Facility County: Santa Clara

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30 **TONY & BROS** **RCRA-SQG** **1000439462**
281 N FAIROAKS **FINDS** **CAD982002206**
SUNNYVALE, CA 94086

TONY & BROS (Continued) **1000439462**

RCRAInfo:

Owner: NED KRISTOUICH
(415) 555-1212
EPA ID: CAD982002206

Contact: ENVIRONMENTAL MANAGER
(408) 738-3340

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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30 **CHEVRON #9-7606** **LUST** **S106716421**
296 N FAIR OAKS AVE **HIST LUST** **N/A**
SUNNYVALE, CA

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500373
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1985-07-12 00:00:00
Pollution Char:	1986-01-15 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2005-05-18 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1985-08-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	1996-09-04 00:00:00

CHEVRON #9-7606 (Continued) **S106716421**

GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 1800
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Mark Lafferty
RP Address: P.O. Box 5004
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZSC
Staff Initials: LD
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W30L01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30L01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1986-01-01 00:00:00
Closed Date: Not reported

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30 **CHEVRON** **Cortese** **S105030440**
296 FAIR OAKS AVE N **N/A**
SUNNYVALE, CA

Cortese:
Region: CORTESE
Facility Addr2: 296 FAIR OAKS AVE N

Region: CORTESE
Facility Addr2: 296 FAIR OAKS AVE N

31	**PHILIPS** **811 ARQUES AVE** **SUNNYVALE, CA 94086**	**LUST** **SLIC** **CA WDS**	**S105194838** **N/A**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global Id:	T0608591611
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	1994-02-20 00:00:00
Remed Action:	1994-02-20 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1982-03-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Remedial action (cleanup) Underway
Chemical:	Solvents
Contact Person:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	CTH
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	43099L
Hydr Basin #:	Santa Clara Basin (2
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No
Local Case #:	Not reported
Case Number:	43S0114

PHILIPS (Continued) **S105194838**

Qty Leaked: 0
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:

Region: 2
Facility ID: 43S0114
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: 2/20/1994
Date Remedial Action Underway: 2/20/1994
Date Post Remedial Action Monitoring Began: Not reported

CA WDS:

Facility ID: San Francisco Bay 438101001
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAG912003 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 6509601640
Facility Contact: James Boarer (Locus)
Agency Name: PHILIPS SEMCONDUCTORS, M.S. 58
Agency Address: PO BOX 3409
Agency City,St,Zip: SUNNYVALE 940883409
Agency Contact: Glen Tsukamoto
Agency Telephone: 4084746129
Agency Type: Private
SIC Code: 3674
SIC Code 2: Not reported
Primary Waste: Contaminated Ground Water
Primary Waste Type: Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0.17856
Baseline Flow: 0.17856

PHILIPS (Continued) **S105194838**

Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

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31 **SCR-SIGNETICS-811 ARQUES** **Cortese** **S105026820**
811 ARQUES **N/A**
SUNNYVALE, CA 94088

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

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31 **SUNNYVALE FIRE STATION #2** **LUST** **S103393865**
795 E ARQUES AVE **HIST LUST** **N/A**
SUNNYVALE, CA 94086

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500427
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1985-02-11 00:00:00
Pollution Char:	1987-03-19 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1997-03-12 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1985-02-14 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	=

SUNNYVALE FIRE STATION #2 (Continued) **S103393865**

Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Diesel
Contact Person:	Not reported
Responsible Party:	Ron Staricha
RP Address:	700 All American Way
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	ZSC
Staff Initials:	CT
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W30G01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S1W30G01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	2/11/1985
Pollution Characterization Began:	3/19/1987
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST LUST:

SUNNYVALE FIRE STATION #2 (Continued) **S103393865**

Region: SANTA CLARA
SCVWD ID: 06S1W30G01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1986-01-01 00:00:00
Closed Date: 1997-03-12 00:00:00

31
FIRE STATION 2
795 E ARQUES AVE
SUNNYVALE, CA 94086

HAZNET **U001594891**
HIST UST **N/A**

HAZNET:

Gepaid: CAD980813133
Contact: RON STARICHA
Telephone: 4087307219
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3707 700 ALL AMERICA WAY
Mailing City,St,Zip: SUNNYVALE, CA 940883707
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: Not reported
Facility County: Santa Clara

Gepaid: CAD980813133
Contact: RON STARICHA
Telephone: 4087307219
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3707 700 ALL AMERICA WAY
Mailing City,St,Zip: SUNNYVALE, CA 940883707
Gen County: Santa Clara
TSD EPA ID: CAT080014079
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 0.03
Facility County: Santa Clara

Gepaid: CAD980813133
Contact: RON STARICHA
Telephone: 4087307219
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3707 700 ALL AMERICA WAY
Mailing City,St,Zip: SUNNYVALE, CA 940883707
Gen County: Santa Clara
TSD EPA ID: CAT080014079
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.01
Facility County: Santa Clara

Gepaid: CAD980813133

FIRE STATION 2 (Continued) **U001594891**

Contact:	RON STARICHA
Telephone:	4087307219
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3707 700 ALL AMERICA WAY
Mailing City,St,Zip:	SUNNYVALE, CA 940883707
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	Santa Clara
Waste Category:	Liquids with pH <UN-> 2
Disposal Method:	Transfer Station
Tons:	0.01
Facility County:	Santa Clara

Gepaid:	CAD980813133
Contact:	RON STARICHA
Telephone:	4087307219
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3707 700 ALL AMERICA WAY
Mailing City,St,Zip:	SUNNYVALE, CA 940883707
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.12
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST UST:

Region:	STATE
Facility ID:	00000048609
Tank Num:	001
Container Num:	0402-1
Year Installed:	1984
Tank Capacity:	00002000
Facility Type:	Other
Other Type:	MUNICIPALITY
Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	10 gauge
Leak Detection:	Visual
Contact Name:	JIM MASCH
Telephone:	4087385682
Owner Name:	CITY OF SUNNYVALE
Owner Address:	456 W OLIVE AVE
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000048609
Tank Num:	002
Container Num:	0400-2
Year Installed:	1984

FIRE STATION 2 (Continued) **U001594891**

Tank Capacity: 00000500
Facility Type: Other
Other Type: MUNICIPALITY
Total Tanks: 0002
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 10 gauge
Leak Detection: Visual
Contact Name: JIM MASCH
Telephone: 4087385682
Owner Name: CITY OF SUNNYVALE
Owner Address: 456 W OLIVE AVE
Owner City,St,Zip: SUNNYVALE, CA 94086

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31 **SUNNYVALE FIRE STATION #2** **LUST** **S107996971**
795 E ARQUES AVE **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30G01f
Closed Date: 3/12/1997
Lop Number: 11-004

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31 **SIGNETICS’ ARQUES COMPLEX** **HIST UST** **U001594986**
811 E ARQUES AVE **N/A**
SUNNYVALE, CA 94088

HIST UST:
Region: STATE
Facility ID: 00000001824
Tank Num: 001
Container Num: 1
Year Installed: 1983
Tank Capacity: 00200000
Facility Type: Other
Other Type: SEMICONDUCTOR
Total Tanks: 0006
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 8 inches
Leak Detection: Visual
Contact Name: JERRY GOODMAN
Telephone: 4087377700
Owner Name: SIGNETICS CORPORATION
Owner Address: 811 E. ARQUES AVENUE
Owner City,St,Zip: SUNNYVALE, CA 94088

Region: STATE
Facility ID: 00000001824
Tank Num: 002
Container Num: 2
Year Installed: 1984
Tank Capacity: 00003000
Facility Type: Other
Other Type: SEMICONDUCTOR

SIGNETICS’ ARQUES COMPLEX (Continued) **U001594986**

Total Tanks: 0006
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 1/2 inches
Leak Detection: Visual
Contact Name: JERRY GOODMAN
Telephone: 4087377700
Owner Name: SIGNETICS CORPORATION
Owner Address: 811 E. ARQUES AVENUE
Owner City,St,Zip: SUNNYVALE, CA 94088

Region: STATE
Facility ID: 00000001824
Tank Num: 003
Container Num: 3
Year Installed: 1984
Tank Capacity: 00010000
Facility Type: Other
Other Type: SEMICONDUCTOR
Total Tanks: 0006
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 1/2 inches
Leak Detection: Visual
Contact Name: JERRY GOODMAN
Telephone: 4087377700
Owner Name: SIGNETICS CORPORATION
Owner Address: 811 E. ARQUES AVENUE
Owner City,St,Zip: SUNNYVALE, CA 94088

Region: STATE
Facility ID: 00000001824
Tank Num: 004
Container Num: 6
Year Installed: 1984
Tank Capacity: 00006000
Facility Type: Other
Other Type: SEMICONDUCTOR
Total Tanks: 0006
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: None
Contact Name: JERRY GOODMAN
Telephone: 4087377700
Owner Name: SIGNETICS CORPORATION
Owner Address: 811 E. ARQUES AVENUE
Owner City,St,Zip: SUNNYVALE, CA 94088

Region: STATE
Facility ID: 00000001824
Tank Num: 005
Container Num: 5
Year Installed: 1983
Tank Capacity: 00020000
Facility Type: Other
Other Type: SEMICONDUCTOR

SIGNETICS' ARQUES COMPLEX (Continued) **U001594986**

Total Tanks:	0006
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	8 inches
Leak Detection:	Groundwater Monitoring Well
Contact Name:	JERRY GOODMAN
Telephone:	4087377700
Owner Name:	SIGNETICS CORPORATION
Owner Address:	811 E. ARQUES AVENUE
Owner City,St,Zip:	SUNNYVALE, CA 94088

Region:	STATE
Facility ID:	00000001824
Tank Num:	006
Container Num:	4
Year Installed:	1978
Tank Capacity:	00013000
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0006
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	JERRY GOODMAN
Telephone:	4087377700
Owner Name:	SIGNETICS CORPORATION
Owner Address:	811 E. ARQUES AVENUE
Owner City,St,Zip:	SUNNYVALE, CA 94088

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31 **SIGNETICS CORPORATION** **CA BOND EXP. PLAN** **S100833471**
811 E. ARQUES AVE **N/A**
SUNNYVALE, CA 94088

CA BOND EXP. PLAN:

Reponsible Party:	RWQCB REFERRAL SITE
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	Signetics Corporation, the responsible party, has assumed responsibility for cleanup activities under the direction of the RWQCB. The RWQCB will continue to have lead responsibility for monitoring Signetic's progress under an existing agreement between the RWQCB, EPA and DHS. The RWQCB is conducting the work with support from the EPA through a cooperative agreement. Until such time as the RWQCB refers the site to DHS for follow-up using Bond funds, no money will be budgeted from the fund for this site. The DHS regional facilities permitting unit is maintaining liaison with RWQCB and EPA.
Site Description:	Signetics operates an electronics manufacturing facility at the site. Chemicals used in the manufacturing process and wastes generated by this process are handled and stored onsite. This site encompasses about 20 acres and is surrounded by residential, industrial and commercial development.
Hazardous Waste Desc:	Soil and ground water contamination were discovered in 1982. Soil and ground water at the site are contaminated with trichloroethylene (TCE), trichloroethane (TCA), 1,1-dichloroethylene, toluene, methylene chloride and benzene.
Threat To Public Health & Env:	Ground water contamination at the site represents a potential threat to public health and the environment. The nearest public well is about 0.1 mile from the site in the city of Sunnyvale. About 300,000 people live within a 3 mile radius

SIGNETICS CORPORATION (Continued) **S100833471**

of the siteand depend on the ground water as a source of drinking water.

Site Activity Status: Soil and ground water contamination were discovered in March 1982. Two leaking tanks and contaminated soil were excavated and removed. Other interim remedial measures which have been taken include the installation of extraction wells and carbon treatment system and two infiltration trenches.

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31 **PHILIPS SEMICONDUCTOR** **LUST** **S107996532**
811 E ARQUES **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W30G03f
Closed Date:	8/18/1997
Lop Number:	Not reported

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31 **PHILIPS SEMICONDUCTORS** **RCRA-SQG** **1007200798**
811 EAST ARQUES AVE **LUST** **CAT070466479**
SUNNYVALE, CA 94088 **SLIC**

RCRAInfo:

Contact: RAY S SAJOR
(408) 991-4007

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Wolfe Road
Enf Type:	13267MP
Funding:	COSTRE
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL721141219
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	1985-07-02 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported

PHILIPS SEMICONDUCTORS (Continued) **1007200798**

Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remedial action (cleanup) Underway
Chemical: 34506, A-017
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 7211400
Case Number: 43S0114
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL721141219
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0114
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: 34506, A-017, PCE, TCE, 71556, 39180, 39175, VOC, 81551
Facility Status: **Remedial Action Underway**

SLIC:
Region: 2
Facility ID: 43S0114
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported

PHILIPS SEMICONDUCTORS (Continued) **1007200798**

Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

31

SIGNETICS CORPORATION
811 E ARQUES AVE
SUNNYVALE, CA 94086

CA FID UST
HIST UST
SWEEPS UST
ENVIROSTOR

1000314202
N/A

CA FID UST:

Facility ID:	43000214
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4089914007
Mail To:	Not reported
Mailing Address:	811 E ARQUES AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST UST:

Region:	STATE
Facility ID:	00000069234
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00004500
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	.25 2 gauge
Leak Detection:	Vapor Sniff Well
Contact Name:	WARREN FREESE
Telephone:	4089915222
Owner Name:	SIGNETICS CORPORATION
Owner Address:	811 E. ARQUES AVENUE
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000069234
Tank Num:	002

SIGNETICS CORPORATION (Continued) **1000314202**

Container Num:	2
Year Installed:	1985
Tank Capacity:	00004500
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0003
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	0.25 inches
Leak Detection:	Vapor Sniff Well
Contact Name:	WARREN FREESE
Telephone:	4089915222
Owner Name:	SIGNETICS CORPORATION
Owner Address:	811 E. ARQUES AVENUE
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000069234
Tank Num:	003
Container Num:	3
Year Installed:	1985
Tank Capacity:	00004500
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0.625 inches
Leak Detection:	Visual
Contact Name:	WARREN FREESE
Telephone:	4089915222
Owner Name:	SIGNETICS CORPORATION
Owner Address:	811 E. ARQUES AVENUE
Owner City,St,Zip:	SUNNYVALE, CA 94086

SWEEPS UST:

Status:	Not reported
Comp Number:	2911
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002911-291101
Actv Date:	Not reported
Capacity:	4500
Tank Use:	HAZARDOUS
Stg:	WASTE
Content:	WASTE SOLVEN
Number Of Tanks:	2

Status:	Not reported
Comp Number:	2911
Number:	Not reported
Board Of Equalization:	Not reported

SIGNETICS CORPORATION (Continued) **1000314202**

Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002911-291102
Actv Date:	Not reported
Capacity:	4500
Tank Use:	HAZARDOUS
Stg:	WASTE
Content:	WASTE ACID
Number Of Tanks:	Not reported

Status:	A
Comp Number:	2911
Number:	1
Board Of Equalization:	Not reported
Ref Date:	03-14-91
Act Date:	03-14-91
Created Date:	03-14-91
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002911-291103
Actv Date:	03-14-91
Capacity:	4500
Tank Use:	EMPTY
Stg:	P
Content:	Not reported
Number Of Tanks:	2

Status:	A
Comp Number:	2911
Number:	1
Board Of Equalization:	Not reported
Ref Date:	03-14-91
Act Date:	03-14-91
Created Date:	03-14-91
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002911-291104
Actv Date:	03-14-91
Capacity:	13000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	Not reported

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast

SIGNETICS CORPORATION (Continued) **1000314202**

Facility ID:	43360093
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1991-05-24 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3805555555556
Longitude:	-122.011944444444
Alias Name:	CAD070466479 43360093
Alias Type:	EPA Identification Number Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Site is on 1989 Bond Expenditure Plan. Based on this status, the site is "decertified" and the previous cert is considered a removal action.A neutralization unit was cleaned, rinsed and dismantled. An unspecified amount of hazardous waste was removed. Site considered certified based on August 1985 Auditor General’s Report. Work was performed with oversight by SMP.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	1985-12-26 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	De-Certification
Completed Date:	1989-04-18 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	1985-12-26 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

31	**PHILIPS SEMICONDUCTORS** **811 E ARQUES AVE MAIL STOP 39** **SUNNYVALE, CA 94088**	**CERCLIS** **FINDS** **HAZNET** **LUST** **RCRA-LQG** **RCRA-TSDF** **CORRACTS** **ROD** **HIST LUST** **CLEANERS** **EMI** **US ENG CONTROLS** **CA WDS**	**1000880929** **CAD070466479**

CERCLIS:
Site ID: 0901552
Federal Facility: Not a Federal Facility
NPL Status: Removed from Proposed NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
Contact Name: Richard Martyn
Contact Tel: (415) 972-3038
Contact Title: On-Scene Coordinator (OSC)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):
Alias Name: SIGNETICS, INC
Alias Address: Not reported
Not reported
Alias Name: SIGNETICS, INC.
Alias Address: 811 E ARQUES AVE
SUNNYVALE, CA 94086
Site Description: SIGNETICS MFG'S ELECTRONIC COMPONETS AT A PLT IN SUNNYVALE, CA.FACIL OCCUPIES 20 ACRES & IS SURROUNDED BY RESID/INDUS/ BUSINESS AREAS.MONITORING WELLS ON-SITE CONTAM WITH SOLVENTSBELIEVED TO HAVE RESULTED FR SPILLS & LEAKING TANKS & PIPES.

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1980
Priority Level: Not reported

Action: INITIAL REMEDIAL MEASURE
Date Started: 01/02/1982
Date Completed: Not reported
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 07/01/1984

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Priority Level:	High
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	08/01/1984
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	08/01/1984
Priority Level:	High
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	10/15/1984
Priority Level:	Not reported
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	Not reported
Date Completed:	11/15/1986
Priority Level:	Search Complete, Viable PRPs
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	04/19/1989
Priority Level:	Not reported
Action:	REMOVED FROM THE PROPOSED NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	10/04/1989
Priority Level:	Not reported
Action:	RISK/HEALTH ASSESSMENT
Date Started:	Not reported
Date Completed:	04/12/1990
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	09/05/1990
Date Completed:	09/05/1990
Priority Level:	Not reported
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	06/19/1991
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	04/19/1989
Date Completed:	09/11/1991
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	09/11/1991
Priority Level:	Final Remedy Selected at Site

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 10/11/1991
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/28/1992
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: Not reported
Date Completed: 12/10/1992
Priority Level: Not reported

Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: Not reported
Date Completed: 04/19/1995
Priority Level: Not reported

FINDS:
Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:
Gepaid: CAD070466479
Contact: GLEN TSUKAMOTO/ENV MANAGER

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Telephone: 4089914129
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Polychlorinated biphenyls and material containing PCB's
Disposal Method: Recycler
Tons: 0.20
Facility County: Not reported

Gepaid: CAD070466479
Contact: GLEN TSUKAMOTO/ENV MANAGER
Telephone: 4089914129
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: 0.22
Facility County: Not reported

Gepaid: CAD070466479
Contact: GLEN TSUKAMOTO/ENV MANAGER
Telephone: 4089914129
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 0.50
Facility County: Not reported

Gepaid: CAD070466479
Contact: GLEN TSUKAMOTO/ENV MANAGER
Telephone: 4089914129
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.45
Facility County: Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Gepaid: CAD070466479
Contact: GLEN TSUKAMOTO/ENV MANAGER
Telephone: 4089914129
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Treatment, Incineration
Tons: 0.12
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
229 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:
Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608591803
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-08-18 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1996-02-26 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: Signetics Corporation
RP Address: 440 N Wolfe Rd
Interim: Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	ZSC
Staff Initials:	CT
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W30G03f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S1W30G03f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

RCRAInfo Corrective Action Summary:

Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date:	09/27/2005

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Event: Current Human Exposures under Control, More information is needed to make a determination.
Event Date: 12/28/2000

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date: 12/28/2000

Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event Date: 09/26/1997

Event: RFI Approved
Event Date: 02/05/1996

Event: RFA Completed
Event Date: 05/31/1995

Event: RFI Workplan Approved
Event Date: 09/07/1994

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 07/29/1994

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 07/28/1994

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date: 12/31/1992

Event: Certification Of Remedy Completion Or Construction Completion
Event Date: 09/14/1992

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Event: RFI Approved
Event Date: 06/19/1991

Event: Date For Remedy Selection (CM Imposed)
Event Date: 06/19/1991

Event: CMI Workplan Approved
Event Date: 06/19/1991

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date: 06/19/1991

Event: Corrective Measures Design Approved
Event Date: 06/19/1991

Event: CMS Approved
Event Date: 06/19/1991

Event: RFI Workplan Approved
Event Date: 04/30/1989

Event: CMS Workplan Approved
Event Date: 04/30/1989

Event: Stabilization Construction Completed
Event Date: 10/31/1988

Event: RFI Imposition
Event Date: 12/16/1987

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 07/01/1984

Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).
Event Date: 01/01/1982

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event Date: 01/01/1982

RCRAInfo:
Owner: SIGNETICS CORP
(408) 739-7700
EPA ID: CAD070466479

Contact: Not reported

Classification: Large Quantity Generator, TSDF
TSDF Activities: Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Violation Status: Violations exist

Regulation Violated:	264.10-18.B
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/18/1994
Actual Date Achieved Compliance:	09/01/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/18/1994
Penalty Type:	Not reported
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/03/1994
Actual Date Achieved Compliance:	07/18/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/30/1989
Penalty Type:	Not reported
Regulation Violated:	262.10-12.A
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/01/1993
Actual Date Achieved Compliance:	04/27/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/29/1993
Penalty Type:	Not reported
Regulation Violated:	268 ALL
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	03/01/1993
Actual Date Achieved Compliance:	04/27/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/29/1993
Penalty Type:	Not reported
Regulation Violated:	264.70-77.E
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/01/1993
Actual Date Achieved Compliance:	04/27/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/29/1993
Penalty Type:	Not reported
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/01/1993
Actual Date Achieved Compliance:	04/27/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/29/1993
Penalty Type:	Not reported
Regulation Violated:	263
Area of Violation:	TRANSPORTER-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/01/1993
Actual Date Achieved Compliance:	04/27/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/29/1993
Penalty Type:	Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Regulation Violated: 264.170-177.I
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 03/01/1993
Actual Date Achieved Compliance: 04/27/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/29/1993
Penalty Type: Not reported

Regulation Violated: 264.70-77.E
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/11/1991
Actual Date Achieved Compliance: 02/18/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/23/1991
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/11/1991
Actual Date Achieved Compliance: 02/18/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/23/1991
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/25/1989
Actual Date Achieved Compliance: 08/21/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/30/1989
Penalty Type: Not reported

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	7/29/1993	9900	STATE
Proposed Monetary Penalty	7/29/1993	9900	STATE

There are 11 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940901
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940718
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940427
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940427
	TSD-LAND BAN REQUIREMENTS	19940427
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940427
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940427
	TRANSPORTER-ALL REQUIREMENTS (OVERSIGHT)	19940427
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920218
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920218
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890821

CORRACTS:

EPA ID: CAD070466479
EPA Region: 9

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Area Name: ENTIRE FACILITY
Actual Date: 01/01/1982
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 01/01/1982
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: CONTAINER-STORAGE UNIT
Actual Date: 02/05/1996
Action: CA200 - RFI Approved
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 04/30/1989
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 04/30/1989
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 05/31/1995
Action: CA050 - RFA Completed
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 06/19/1991
Action: CA200 - RFI Approved
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 06/19/1991
Action: CA350 - CMS Approved
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 06/19/1991
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 06/19/1991
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 06/19/1991
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Actual Date: 06/19/1991
Action: CA450 - Corrective Measures Design Approved
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 07/01/1984
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 07/28/1994
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 07/29/1994
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: CONTAINER-STORAGE UNIT
Actual Date: 09/07/1994
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Area Name: ENTIRE FACILITY
Actual Date: 09/14/1992
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 09/26/1997
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 09/27/2005
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 10/31/1988
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 12/16/1987
Action: CA100 - RFI Imposition
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 12/28/2000
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination
NAICS Code(s): 334413 334413 334413

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 12/28/2000
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

EPA ID: CAD070466479
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 12/31/1992
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 334413 334413 334413
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing
Semiconductor and Related Device Manufacturing

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30G03
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1997-03-15 00:00:00
Closed Date: 1997-08-18 00:00:00

CLEANERS:
EPA Id: CAD070466479
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7212
SIC Description: Garment Pressing, and Agents for Laundries and Drycleaners
Create Date: 07/23/1982
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1109 MCKAY DR
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 951310000
Region Code: 2
Owner Name: PHILIPS SEMICONDUCTORS
Owner Address: 1109 MCKAY DR
Owner Address 2: Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Owner Telephone: 4084746129
Contact Name: GLEN TSUKAMOTO/ENV MANAGER
Contact Address: 1109 MCKAY DR M/S SJ-55
Contact Address 2: Not reported
Contact Telephone: 4084746129

EPA Id: CAD070466479
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7216
SIC Description: Drycleaning Plants, Except Rug Cleaning
Create Date: 07/23/1982
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1109 MCKAY DR
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 951310000
Region Code: 2
Owner Name: PHILIPS SEMICONDUCTORS
Owner Address: 1109 MCKAY DR
Owner Address 2: Not reported
Owner Telephone: 4084746129
Contact Name: GLEN TSUKAMOTO/ENV MANAGER
Contact Address: 1109 MCKAY DR M/S SJ-55
Contact Address 2: Not reported
Contact Telephone: 4084746129

EPA Id: CAD070466479
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7219
SIC Description: Laundry and Garment Services, NEC (except diaper service and clothing alteration and repair)
Create Date: 07/23/1982
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1109 MCKAY DR
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 951310000
Region Code: 2
Owner Name: PHILIPS SEMICONDUCTORS
Owner Address: 1109 MCKAY DR
Owner Address 2: Not reported
Owner Telephone: 4084746129
Contact Name: GLEN TSUKAMOTO/ENV MANAGER
Contact Address: 1109 MCKAY DR M/S SJ-55
Contact Address 2: Not reported
Contact Telephone: 4084746129

EPA Id: CAD070466479
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/23/1982
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	2
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR M/S SJ-55
Contact Address 2:	Not reported
Contact Telephone:	4084746129

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	521
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	32
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	521
Air District Name:	BA
SIC Code:	3671
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 521
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 521
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 521
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 521
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 521
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 521
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 521
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	521
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	521
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.091
Reactive Organic Gases Tons/Yr:	0.0384202
Carbon Monoxide Emissions Tons/Yr:	0.549
NOX - Oxides of Nitrogen Tons/Yr:	2.459
SOX - Oxides of Sulphur Tons/Yr:	0.012
Particulate Matter Tons/Yr:	0.08
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.08

US ENG CONTROLS:

EPA ID:	CAD070466479
Site ID:	0901552
Name:	SIGNETICS, INC.
Address:	811 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CAD070466479
Site ID:	0901552
Name:	SIGNETICS, INC.
Address:	811 E ARQUES AVE SUNNYVALE, CA 94086
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

Actual Date: Not reported

EPA ID: CAD070466479
Site ID: 0901552
Name: SIGNETICS, INC.
Address: 811 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD070466479
Site ID: 0901552
Name: SIGNETICS, INC.
Address: 811 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD070466479
Site ID: 0901552
Name: SIGNETICS, INC.
Address: 811 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD070466479
Site ID: 0901552
Name: SIGNETICS, INC.
Address: 811 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD070466479
Site ID: 0901552
Name: SIGNETICS, INC.
Address: 811 E ARQUES AVE
SUNNYVALE, CA 94086
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAD070466479
Site ID: 0901552
Name: SIGNETICS, INC.
Address: 811 E ARQUES AVE
SUNNYVALE, CA 94086

PHILIPS SEMICONDUCTORS (Continued) **1000880929**

EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	09/11/1991
Planned Complet. date:	09/30/1991
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Discharge

CA WDS:

Facility ID:	San Francisco Bay 43I006674
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	PHILIPS SEMICONDUCTORS
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

31 **SUNNYVALE FIRE STATION #2** **Cortese** **S103473183**
795 ARQUES AVE E **N/A**
SUNNYVALE, CA

Cortese:
Region: CORTESE
Facility Addr2: 795 ARQUES AVE E

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32 **UNITED TECHNOLOGIES CORP CHEM SYS DIV** **RCRA-SQG** **1000399393**
1050 E ARQUES AVE **LUST** **CAT080033525**
SUNNYVALE, CA 94086 **Cortese**
SLIC
CERC-NFRAP
LOS ANGELES CO. HMS
ENVIROSTOR

RCRAInfo:

Owner:	UNITED TECHNOLOGIES CORPORATION (415) 555-1212
EPA ID:	CAT080033525
Contact:	ENVIRONMENTAL MANAGER (408) 739-4880
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global Id:	T0608591613
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	1994-02-01 00:00:00
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1982-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported

UNITED TECHNOLOGIES CORP CHEM SYS DIV (Continued) **1000399393**

Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remediation Plan
Chemical: Solvents
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: CTH
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 43S0136
Qty Leaked: 0
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 1050 ARQUES AVE E

SLIC:
Region: 2
Facility ID: 43S0136
Facility Status: Remediation Plan
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: 2/1/1994
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

UNITED TECHNOLOGIES CORP CHEM SYS DIV (Continued) **1000399393**

CERC-NFRAP:

Site ID:	0902706
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Status Not Specified

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	05/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	12/01/1987
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	12/01/1987
Priority Level:	Not reported

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	004023-I04169
Facility Status:	Closed
Area:	2
Permit Number:	000011213
Permit Status:	Closed
Facility Type:	I01

ENVIROSTOR:

Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	10
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	KAREN TOTH
Division Branch:	North Coast
Facility ID:	43360136
Site Code:	Not reported
Assembly:	22
Senate:	13

UNITED TECHNOLOGIES CORP CHEM SYS DIV (Continued) **1000399393**

Special Program: EPA - PASI
Status: **Refer: Other Agency**
Status Date: 2001-01-29 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3805027777778
Longitude: -122.002655555556
Alias Name: 43360136
APPLIED MATERIALS
MITSUBISHI ELECTRONIC AMERICA
NATIONAL SEMICONDUCTOR
Alias Type: Alternate Name
Alternate Name
Alternate Name
Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Completed PEA. Completed a Preliminary Assessment for the site under the US EPA PA/SI grant. The former UTC facility was located in an urban area within the North Santa Clara County groundwater sub-basin. Most of the land surface in the region ispaved. Few tress remain in the area and any unpaved soil has been colonized by ruderal plant species. Information obtained from the US EPA GIS Center shows that within four miles of the site, there has been one occurrence of the California ClapperRail and two occurrences of the Salt-marsh Harvest Mouse, both of which are endangered species. A search to identify drinking water wells within miles of the facility revealed a listing of 121 wells. Ninety-one of the 121 wells are active, 7 are onstandby, 11 are inactive, 8 have been destroyed, and 4 have been abandoned. The chemicals used on the site included trichloroethylene (TCE), 1,1,1-trichloroethane (TCA), freon, toluene, methyl ethyl ketone (MEK), methyl isobutyl ketone (MIK), methylene chloride, ethyl acetate, sulfuric acid, hydrochloric acid, ammonium perchlorate, aluminum, magnesium, zinc carbide, and chromium. Chemical use at the facility was in research-scale rather than production-scale quantities. Although no chemicalinventory records were provided, UTC personnel advise Woodward-Clyde Consultants that chemicals used onsite were delivered in 1-gallon bottles to 55-gallon drum shipments, rather than in tank-truck or railroad tank-car quantities. No chemical storage tanks were used at the facility. Soil and groundwater testing on the site have shown that TCE, 1,1,1-TCA, 1,2-DCE, and Freon 113 are the primary chemicals of concern. Between 1982 and 1986 and in 1990, several studies were performed at the former UTC site to identify potential source areas. During these studies, soil and groundwater samples were collected adjacent to identified potential source areas. Chemical analyses indicate that primarily TCE and 1,1,1-TCA have been introduced to the soil and groundwater. Results of soil samples taken in 1982 showed that at shallow depth (0-5 feet), TCE concentrations ranged from <1 to 32 ppb and TCA concentrations ranged from <1 to 31 ppb. At the 6-16 feet depth interval, the highest TCE and TCA concentrations found were 408 ppb and 230 ppb, respectively. Based on the low TCE and TCA concentrations found in on-site wells and subsurface soils, it was concluded that the contamination appears to be resulting primarily from off-site source(s) to the south. The former UTC facility was located approximately 200 feet northwest of the NSC site at 2900 Semiconductor Drive, Santa Clara, California. NSC instituted an

UNITED TECHNOLOGIES CORP CHEM SYS DIV (Continued) **1000399393**

assessment of soil and groundwater conditions in 1982. During this investigation, soil and groundwater samples were obtained from areas adjacent to underground solvent tanks. Chemical analyses indicated that various organic compounds had been introduced to the soil and groundwater, including PCE and TCE and their degradation compounds, toluene, xylenes, and benzene. Subsequent offsite investigations established that these and similar compounds were present in groundwater downgradient and crossgradient of the NSC facility. Pollutants from the NSC property havemigrated to merge with a pollutant plume emanating from the former UTC site across the street and downgradient of NSC at 1050 E. Arques Avenue, Sunnyvale. The NSC site was placed on the National Priorities List (NPL) by the US EPA on July 21, 1987;the site investigation and subsequent remediation is being performed under the Site Cleanup Requirements (Order Nos. 91-137, 91-139, and 91-140) adopted on September 18, 1991, by the California Regional Water Quality Control Board (RWQCB), San Francisco Bay Region and through contract agreement with the US EPA. On September 14, 1987, NSC and UTC executed an agreement whereby NSC assumed full responsibility to complete all necessary soil and groundwater remedial action programs****

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	2001-01-29 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	10003, 10120, 10198
Potenital Description:	* HALOGENATED SOLVENTS
Potenital Description:	* ACID SOLUTION WITHOUT METALS
Potenital Description:	* UNSPECIFIED SOLVENT MIXTURES
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

32	**ARQUES CORP** **999 EAST ARQUES AVE** **SUNNYVALE, CA**	**LUST** **SLIC** **ENVIROSTOR**	**S101482358** **N/A**

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	Cleanup and Abatement Orders
Funding:	COSTRE
How Discovered:	RBD
How Stopped:	Not reported
Leak Cause:	Not reported

ARQUES CORP (Continued) **S101482358**

Leak Source:	Not reported
Global Id:	SL18263684
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	2002-07-02 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	1993-11-01 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Remedial action (cleanup) Underway
Chemical:	VOC
Contact Person:	Not reported
Responsible Party:	VERA NELSON
RP Address:	PO BOX 3608 M/S 140-42
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	MS
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	MS_T,IS_I
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	1826300
Case Number:	43S0229
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

ARQUES CORP (Continued) **S101482358**

SLIC:
Region: STATE
Global Id: SL18263684
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0229
Responsible Party: TYCO ELECTRONICS
Recent Dtw: Not reported
Substance Released: VOC
Facility Status: **Remedial Action Underway**

SLIC:
Region: 2
Facility ID: 43S0229
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RBD
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360105
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Refer: RWQCB**
Status Date: 1996-02-05 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3805555555556
Longitude: -122.005
Alias Name: 43360105
Alias Type: Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: ON CORTESE LIST SAMPLE RESULTS SOIL: TCE (8500 PPB), PCE (130), AND 200,000 PPB OF TCE AT THE ONSITE GROUND- WATER. SITE IS CURRENTLY

ARQUES CORP (Continued) **S101482358**

VACANT AND FORMERLY WAS USED AS A FACILITY FOR ELECTRONIC INDUSTRY. EXCAVATION WAS CONDUCTED TO INVESTIGATE BURIED PIPES, LOCATION AND THEIR CONDI- TION, AND THE SOIL IN THE SITE VICINITY OF THOSE PIPES. SITE SCREENING DONE RECOMMEND PEA (HIGH PRIORITY). A SIGNIF- ICANT LEVEL OF SEVERAL CONTAMINANTS ARE PRESENT AT THE ON-SITE SOIL AND GROUND WATER. ADDITIONAL INVESTIGATION IS NECESSARY.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	1990-04-30 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

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32 **SCR-974 ARQUES AVE** **Cortese** **S105026821**
974 ARQUES **N/A**
SUNNYVALE, CA 94086

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

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32 **HEWLETT PACKARD DATA TERMINALS DIV** **FINDS** **1000281819**
974 E ARQUES AVE **HAZNET** **CAD069130995**
SUNNYVALE, CA 94086 **LUST**
RCRA-LQG
RCRA-TSDF
SLIC
CORRACTS
CERC-NFRAP
HIST UST
CA WDS
SWEEPS UST

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid: CAL000174221
Contact: J NOFTZ APPLIED MATERIALS, INC
Telephone: 4085632686
Facility Addr2: Not reported
Mailing Name: APPLIED MATERIALS, INC.
Mailing Address: 3340 SCOTT BLVD #0506 PO BOX 58039
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Tons: 0.05
Facility County: Santa Clara

Gepaid: CAL000174221
Contact: J NOFTZ APPLIED MATERIALS, INC
Telephone: 4085632686
Facility Addr2: Not reported
Mailing Name: APPLIED MATERIALS, INC.
Mailing Address: 3340 SCOTT BLVD #0506 PO BOX 58039
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 0.07
Facility County: Santa Clara

Gepaid: CAL000174221
Contact: J NOFTZ APPLIED MATERIALS, INC
Telephone: 4085632686
Facility Addr2: Not reported
Mailing Name: APPLIED MATERIALS, INC.
Mailing Address: 3340 SCOTT BLVD #0506 PO BOX 58039
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Santa Clara
TSD EPA ID: CAD980675276
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 235.98

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Facility County: Santa Clara

Gepaid: CAL000174221
Contact: J NOFTZ APPLIED MATERIALS, INC
Telephone: 4085632686
Facility Addr2: Not reported
Mailing Name: APPLIED MATERIALS, INC.
Mailing Address: 3340 SCOTT BLVD #0506 PO BOX 58039
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 23.42
Facility County: Santa Clara

Gepaid: CAL000174221
Contact: J NOFTZ APPLIED MATERIALS, INC
Telephone: 4085632686
Facility Addr2: Not reported
Mailing Name: APPLIED MATERIALS, INC.
Mailing Address: 3340 SCOTT BLVD #0506 PO BOX 58039
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.14
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
28 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: Cleanup and Abatement Orders
Funding: COSTRE
How Discovered: RBD
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL18226624
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 1986-07-02 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: 1993-05-01 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remedial action (cleanup) Underway
Chemical: TCE, VOC
Contact Person: Not reported
Responsible Party: JANE EDGAR
RP Address: FAIRCHILD DR.
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MS_T,IS_I
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1822600
Case Number: 43S0047
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: This plume has commingled with the Mohawk plume.

RCRAInfo Corrective Action Summary:
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date: 12/28/2000

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date: 12/28/2000

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 09/19/1997

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date: 09/19/1997

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date: 09/19/1997

Event: Stabilization Construction Completed
Event Date: 01/01/1995

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 03/31/1992

Event: Stabilization Measures Evaluation,This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
Event Date: 03/31/1992

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 01/04/1991

Event: RFI Approved
Event Date: 01/01/1988

Event: Stabilization Construction Completed
Event Date: 01/01/1988

Event: RFI Imposition
Event Date: 02/18/1987

Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).
Event Date: 02/18/1987

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event Date: 02/18/1987

RCRAInfo:
Owner: HEWLETT PACKARD DATA TERMINALS DIVISON
(408) 720-3000
EPA ID: CAD069130995

Contact: ENVIRONMENTAL MANAGER

Classification: Large Quantity Generator, TSDF
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 11/19/1990
Actual Date Achieved Compliance: 04/01/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/12/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 11/19/1990
Actual Date Achieved Compliance: 04/01/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/12/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 11/19/1990
Actual Date Achieved Compliance: 04/01/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/12/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 10/24/1988
Actual Date Achieved Compliance: 06/12/1989

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/19/1989
Penalty Type: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 10/24/1988
Actual Date Achieved Compliance: 06/12/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/19/1989
Penalty Type: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 10/24/1988
Actual Date Achieved Compliance: 06/12/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/19/1989
Penalty Type: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-MANIFEST REQUIREMENTS
Date Violation Determined: 10/24/1988
Actual Date Achieved Compliance: 06/12/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/19/1989
Penalty Type: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 10/24/1988
Actual Date Achieved Compliance: 06/12/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/19/1989
Penalty Type: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 04/11/1989
Penalty Type: Not reported

There are 8 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS	19910401

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

	TSD-LAND BAN REQUIREMENTS	19910401
	GENERATOR-LAND BAN REQUIREMENTS	19910401
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	19890612
	GENERATOR-LAND BAN REQUIREMENTS	19890612
	TSD-OTHER REQUIREMENTS	19890612
	TSD-MANIFEST REQUIREMENTS	19890612
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19890612

SLIC:

Region:	STATE
Global Id:	SL18226624
Assigned Name:	SLICSITE
Lead Agency Contact:	MAX SHAHBAZIAN
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	43S0047
Responsible Party:	JANE EDGAR
Recent Dtw:	Not reported
Substance Released:	TCE, VOC
Facility Status:	**Not reported**

SLIC:

Region:	2
Facility ID:	43S0047
Facility Status:	Remedial action (cleanup) Underway
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	RBD
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CORRACTS:

EPA ID:	CAD069130995
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	01/01/1988
Action:	CA200 - RFI Approved
NAICS Code(s):	334419 Other Electronic Component Manufacturing

EPA ID:	CAD069130995
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	01/01/1988
Action:	CA650 - Stabilization Construction Completed
NAICS Code(s):	334419 Other Electronic Component Manufacturing

EPA ID: CAD069130995

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 01/01/1995
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 01/04/1991
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 02/18/1987
Action: CA100 - RFI Imposition
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 02/18/1987
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 02/18/1987
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1992
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1992
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 09/19/1997
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 09/19/1997
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 09/19/1997
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 12/28/2000
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 334419
Other Electronic Component Manufacturing

EPA ID: CAD069130995
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 12/28/2000
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 334419
Other Electronic Component Manufacturing

CERC-NFRAP:
Site ID: 0901543

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Deferred to RCRA

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	06/01/1987
Priority Level:	Low
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	10/16/1989
Priority Level:	Deferred to RCRA (Subtitle C)
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	01/04/1991
Priority Level:	Deferred to RCRA (Subtitle C)
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	01/23/1996
Priority Level:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000016491
Tank Num:	001
Container Num:	1
Year Installed:	1974
Tank Capacity:	00012000
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0012
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor
Contact Name:	Not reported
Telephone:	4087203000

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Owner Name: HEWLETT-PACKARD COMPANY
Owner Address: 3000 HANOVER STREET
Owner City,St,Zip: PALO ALTO, CA 94304

Region: STATE
Facility ID: 00000016491
Tank Num: 002
Container Num: 2
Year Installed: 1974
Tank Capacity: 00012000
Facility Type: Other
Other Type: MANUFACTUR
Total Tanks: 0012
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor
Contact Name: Not reported
Telephone: 4087203000
Owner Name: HEWLETT-PACKARD COMPANY
Owner Address: 3000 HANOVER STREET
Owner City,St,Zip: PALO ALTO, CA 94304

Region: STATE
Facility ID: 00000016491
Tank Num: 003
Container Num: 3
Year Installed: 1978
Tank Capacity: 00001000
Facility Type: Other
Other Type: MANUFACTUR
Total Tanks: 0012
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor
Contact Name: Not reported
Telephone: 4087203000
Owner Name: HEWLETT-PACKARD COMPANY
Owner Address: 3000 HANOVER STREET
Owner City,St,Zip: PALO ALTO, CA 94304

Region: STATE
Facility ID: 00000016491
Tank Num: 004
Container Num: 4
Year Installed: 1975
Tank Capacity: 00000500
Facility Type: Other
Other Type: MANUFACTUR
Total Tanks: 0012
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Visual, Groundwater Monitoring Well
Contact Name: Not reported
Telephone: 4087203000

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Owner Name: HEWLETT-PACKARD COMPANY
Owner Address: 3000 HANOVER STREET
Owner City,St,Zip: PALO ALTO, CA 94304

Region: STATE
Facility ID: 00000016491
Tank Num: 005
Container Num: 5
Year Installed: 1975
Tank Capacity: 00010000
Facility Type: Other
Other Type: MANUFACTUR
Total Tanks: 0012
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor, Groundwater Monitoring Well
Contact Name: Not reported
Telephone: 4087203000
Owner Name: HEWLETT-PACKARD COMPANY
Owner Address: 3000 HANOVER STREET
Owner City,St,Zip: PALO ALTO, CA 94304

Region: STATE
Facility ID: 00000016491
Tank Num: 006
Container Num: 6
Year Installed: 1975
Tank Capacity: 00010000
Facility Type: Other
Other Type: MANUFACTUR
Total Tanks: 0012
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor, Groundwater Monitoring Well
Contact Name: Not reported
Telephone: 4087203000
Owner Name: HEWLETT-PACKARD COMPANY
Owner Address: 3000 HANOVER STREET
Owner City,St,Zip: PALO ALTO, CA 94304

Region: STATE
Facility ID: 00000016491
Tank Num: 007
Container Num: 7
Year Installed: 1978
Tank Capacity: 00001000
Facility Type: Other
Other Type: MANUFACTUR
Total Tanks: 0012
Tank Used for: Not reported
Type of Fuel: Not reported
Tank Construction: 12 inches
Leak Detection: Groundwater Monitoring Well
Contact Name: Not reported
Telephone: 4087203000

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Owner Name: HEWLETT-PACKARD COMPANY
Owner Address: 3000 HANOVER STREET
Owner City,St,Zip: PALO ALTO, CA 94304

Region: STATE
Facility ID: 00000016491
Tank Num: 008
Container Num: T-1
Year Installed: 1978
Tank Capacity: 00002000
Facility Type: Other
Other Type: MANUFACTUR
Total Tanks: 0012
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 0.25 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087203000
Owner Name: HEWLETT-PACKARD COMPANY
Owner Address: 3000 HANOVER STREET
Owner City,St,Zip: PALO ALTO, CA 94304

Region: STATE
Facility ID: 00000016491
Tank Num: 009
Container Num: T-2
Year Installed: 1978
Tank Capacity: 00012500
Facility Type: Other
Other Type: MANUFACTUR
Total Tanks: 0012
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 0.25 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087203000
Owner Name: HEWLETT-PACKARD COMPANY
Owner Address: 3000 HANOVER STREET
Owner City,St,Zip: PALO ALTO, CA 94304

Region: STATE
Facility ID: 00000016491
Tank Num: 010
Container Num: T-3
Year Installed: 1978
Tank Capacity: 00012500
Facility Type: Other
Other Type: MANUFACTUR
Total Tanks: 0012
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 0.25 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087203000

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Owner Name:	HEWLETT-PACKARD COMPANY
Owner Address:	3000 HANOVER STREET
Owner City,St,Zip:	PALO ALTO, CA 94304

Region:	STATE
Facility ID:	00000016491
Tank Num:	011
Container Num:	T-5
Year Installed:	1983
Tank Capacity:	00012500
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0012
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	0.25 inches
Leak Detection:	None
Contact Name:	Not reported
Telephone:	4087203000
Owner Name:	HEWLETT-PACKARD COMPANY
Owner Address:	3000 HANOVER STREET
Owner City,St,Zip:	PALO ALTO, CA 94304

Region:	STATE
Facility ID:	00000016491
Tank Num:	012
Container Num:	T-6
Year Installed:	1983
Tank Capacity:	00012500
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0012
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087203000
Owner Name:	HEWLETT-PACKARD COMPANY
Owner Address:	3000 HANOVER STREET
Owner City,St,Zip:	PALO ALTO, CA 94304

CA WDS:

Facility ID:	San Francisco Bay 438146003
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG912003 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4087446505
Facility Contact:	Alan Lui (RMT)
Agency Name:	FAIRCHILD SEMICONDUCTOR CORP
Agency Address:	299 FAIRCHILD DR
Agency City,St,Zip:	MOUNTAIN VIEW 94043
Agency Contact:	HADDAD ELIE

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	1629
SIC Code 2:	9999
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0.0432
Baseline Flow:	0.0432
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

Facility ID:	San Francisco Bay 43I014940
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	APPLIED MATERIALS INC ARQUES
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

SWEEPS UST:

Status: Not reported
Comp Number: 2935
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-002935-293501
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: 4

Status: Not reported
Comp Number: 2935
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-002935-293502
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2935
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-002935-293503
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2935

HEWLETT PACKARD DATA TERMINALS DIV (Continued) **1000281819**

Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002935-293504
Actv Date:	Not reported
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	A
Comp Number:	2935
Number:	1
Board Of Equalization:	Not reported
Ref Date:	11-04-92
Act Date:	11-04-92
Created Date:	07-31-90
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

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32 **HEWLETT PACKARD (DATA TERMINALS DIV)** **LUST** **S101482336**
974 EAST ARQUES AVENUE **SLIC** **N/A**
SUNNYVALE, CA 94086 **ENVIROSTOR**

LUST:

Region:	STATE
Case Type:	Undefined
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	COSTRE
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL0608509193
Stop Date:	Not reported
Confirm Leak:	1999-01-01 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported

HEWLETT PACKARD (DATA TERMINALS DIV) (Continued) **S101482336**

Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Leak being confirmed
Chemical: Solvents
Contact Person: Not reported
Responsible Party: DAVID BERGERON, VICE PRESIDENT
RP Address: 3340 SCOTT BLVD. PO BOX 58039
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: DW
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 43S1061
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL0608509193
Assigned Name: SLICSITE
Lead Agency Contact: DEREK WHITWORTH
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S1061
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: 13
Facility Status: **Case Open**

ENVIROSTOR:

HEWLETT PACKARD (DATA TERMINALS DIV) (Continued) **S101482336**

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360030
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RCRA**
Status Date:	1987-12-18 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3805555555556
Longitude:	-122.005277777778
Alias Name:	CAD069130995 43360030
Alias Type:	EPA Identification Number Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	SITE SCREENING DONE RCRA FACILITY, WORKING UNDER AN ISD.FACILITY IDENTIFIED AB2370 SITE
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	1987-12-09 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1982-01-05 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

32	**SHELL** **928 E ARQUES AVE** **SUNNYVALE, CA 94086**	**LUST** **HIST LUST**	**S101441025** **N/A**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608535633
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2003-03-25 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1983-11-17 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	=
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Carol Campagna
RP Address:	20945 S. Wilmington Ave
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff:	ZSC
Staff Initials:	LD
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W30J03f
Case Number:	Not reported

SHELL (Continued) **S101441025**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W30J03f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30J03
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1988-12-10 00:00:00
Closed Date: 2003-03-25 00:00:00

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32 **SHELL** **LUST** **S107996866**
928 E ARQUES AVE **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30J03f
Closed Date: 3/25/2003
Lop Number: Not reported

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33 **MONOLITHIC MEMORIES, INC.** **LUST** **S100833416**
1165 EAST ARQUES AVENUE **CA BOND EXP. PLAN** **N/A**
SUNNYVALE, CA 94086 **SLIC**

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: LAWRENCE Expressway
Enf Type: RTP
Funding: COSTRE

MONOLITHIC MEMORIES, INC. (Continued) **S100833416**

How Discovered: Other Means
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL0608512762
Stop Date: Not reported
Confirm Leak: 2005-12-15 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 2005-07-15 00:00:00
Enforcement Dt: Not reported
Release Date: 2005-07-18 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Leak being confirmed
Chemical: Perchlorethylene
Contact Person: Not reported
Responsible Party: JOHN WERFAL
RP Address: 6920 KOLL CENTER PKWY
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 2020189
Case Number: 43S1069
Qty Leaked: 250
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

MONOLITHIC MEMORIES, INC. (Continued) **S100833416**

Summary: WATER BOARD APPROVED CLAYTON'S 11/28/2005, SOIL AND GROUNDWATER SAMPLING REPORT.

CA BOND EXP. PLAN:
Reponsible Party: NPL SITE CLEANUP WORKPLAN
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: Monolithic Memories, the responsible party, is in compliance with an order issued by the RWQCB. DHS has budgeted $50,000 for development, review and approval of a RAP and will seek to recover all actual costs from the responsible party.
Site Description: Monolithic Memories operates an integrated circuit manufacturing facility at this 20-acre site. Chemicals used in the manufacturing process and wastes generated by this process are handled and stored onsite. The site is located adjacent to residential, industrial and commercial development.
Hazardous Waste Desc: Subsurface investigations initiated in early 1982 resulted in the discovery of soil and ground water contamination. The contamination was apparently caused by leaks in an underground waste solvent piping system and by spills during the transport andhandling of solvents. Contaminants present in the soil and ground water include trichloroethylene (TCE), dichloroethylene (DCE), trichloroethane (TCA), xylene, ethylbenzene, Freon and acetone.
Threat To Public Health & Env: A ground water contaminant plume extends offsite and merges with another plume emanating from the National Semiconductor facility. About 300,000 people live within a three mile radius of the site and depend on the ground water as a source of drinking water.
Site Activity Status: The responsible party has excavated and removed leaking underground tanks, installed a ground water extraction system and is further investigating the extent of the offsite plume.

SLIC:
Region: STATE
Global Id: SL0608512762
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S1069
Responsible Party: Not reported
Recent Dtw: 9
Substance Released: 127184
Facility Status: **Feasibility Study for Remedial Action Plan**

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33 **MONOLITHIC MEMORIES** **ENVIROSTOR** **S105628346**
1165 E ARQUES AVE **HIST Cal-Sites** **N/A**
SUNNYVALE, CA 94085

ENVIROSTOR:
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: YES
Regulatory Agencies: RWQCB
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43380014
Site Code: Not reported

MONOLITHIC MEMORIES (Continued) **S105628346**

Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1990-01-10 00:00:00
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	0
Longitude:	0
Alias Name:	P23088 CAD049236201 43380014 ADVANCED MICRO DEVICES AMD - ARQES (ADVANCED MICRO DEVICES)
Alias Type:	PCode EPA Identification Number Alternate Name Alternate Name Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

HISTORICAL CAL-SITES:

Facility ID:	43380014
Region:	2
Region Name:	BERKELEY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	01101990
Status:	REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Name:	PROPERTY/SITE REFERRED TO RWQCB
Lead Agency:	RWQCB

MONOLITHIC MEMORIES (Continued) **S105628346**

Lead Agency:	REGIONAL WATER QUALITY CONTROL BOARD
Facility Type:	NPRP
Type Name:	NPL SITE, RP-FUNDED
NPL:	Listed
SIC Code:	38
SIC Name:	MANU - INSTRUMENTS & RELATED PRODUCTS
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	Not reported
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	Not reported
Region Water Control Board Name:	Not reported
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	Not reported
State Senate District Code:	Not reported

Click this hyperlink while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

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34 **STC MICROTECHNOLOGY CORP** **RCRA-SQG** **1000124250**
224 N. WOLFE RD. **FINDS** **CAT000624171**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAT000624171
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

34 **RIGEL INC**
772 LUCERNE DR
SUNNYVALE, CA 94086

RCRA-SQG **1001195392**
FINDS **CAR000019620**
HAZNET

RCRAInfo:
Owner: ARRILAGA PERRY
(408) 980-0130
EPA ID: CAR000019620

Contact: ANDREA SUTHERLAND
(650) 328-2430

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAR000019620
Contact: PEERY ARRILLAGA
Telephone: 4089800130
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 772 LUCERNE DR
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Other
Tons: .8130
Facility County: Santa Clara

Gepaid: CAR000019620
Contact: PEERY ARRILLAGA
Telephone: 4089800130
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 772 LUCERNE DR
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: 0.1251
Facility County: Santa Clara

RIGEL INC (Continued) **1001195392**

Gepaid:	CAR000019620
Contact:	PEERY ARRILLAGA
Telephone:	4089800130
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	772 LUCERNE DR
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Disposal, Other
Tons:	0.0792
Facility County:	Santa Clara

Gepaid:	CAR000019620
Contact:	PEERY ARRILLAGA
Telephone:	4089800130
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	772 LUCERNE DR
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.2167
Facility County:	Santa Clara

Gepaid:	CAR000019620
Contact:	PEERY ARRILLAGA
Telephone:	4089800130
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	772 LUCERNE DR
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Disposal, Other
Tons:	0.015
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

34 **RASTER GRAPHICS INCORP** **RCRA-SQG** **1000401572**
285 N WOLFE RD **FINDS** **CAD982500688**
SUNNYVALE, CA 94086 **HAZNET**

RCRAInfo:

Owner:	PEERY ARRILLAGA (415) 555-1212
EPA ID:	CAD982500688
Contact:	DAVE DEVINE (408) 738-7812
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD982500688
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	285 N WOLFE RD
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Laboratory waste chemicals
Disposal Method:	Recycler
Tons:	.4550
Facility County:	Santa Clara

Gepaid:	CAD982500688
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	285 N WOLFE RD
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Recycler
Tons:	.0417
Facility County:	Santa Clara

35	**THE JOHN LINCOLN CO.** **172 COMMERCIAL ST** **SUNNYVALE, CA 94086**	**LUST** **UST** **HIST UST** **HIST LUST**	**U001594927** **N/A**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608502275
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1999-04-29 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2001-06-25 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1987-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2000-10-18 00:00:00
GW Qualifier:	=
Soil Qualifier:	=
Max MTBE GW ppb:	130
Max MTBE Soil ppb:	50
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	John Lincoln
RP Address:	18650 Farragut Ln
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	2
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	MM
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W30R01f

THE JOHN LINCOLN CO. (Continued) **U001594927**

Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Federal
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0608591131
Stop Date: 1987-12-11 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2001-06-25 00:00:00
Discover Date: 1987-12-11 00:00:00
Enforcement Dt: Not reported
Release Date: 1987-12-11 00:00:00
Review Date: 2001-07-02 00:00:00
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Misc. Motor Vehicle Fuels
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MEJ
Staff Initials: UNK
Lead Agency: Regional Board

THE JOHN LINCOLN CO. (Continued) **U001594927**

Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 43-2401
Qty Leaked: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: POSSIBLE ALCOHOL VAPOR RELEASE-NOT ENOUGH INFO FOR ACTION. CC PER SCVWD 6/25/01.

LUST:

Region: 2
Facility Status: Case Closed
Facility Id: 43-2401
Case Number: Not reported
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W30R01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 4/29/1999
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

UST:

Region: STATE
Local Agency: Sunnyvale, Santa Clara County
Facility ID: 43-007-434568

THE JOHN LINCOLN CO. (Continued) **U001594927**

HIST UST:

Region: STATE
Facility ID: 00000008893
Tank Num: 001
Container Num: 1
Year Installed: 1965
Tank Capacity: 00006000
Facility Type: Other
Other Type: SHOE POLISH MFG.
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor
Contact Name: M. RICE
Telephone: 4087325120
Owner Name: THE JOHN LINCOLN COMPANY
Owner Address: 172 COMMERCIAL STREET
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000008893
Tank Num: 002
Container Num: 2
Year Installed: 1965
Tank Capacity: 00001000
Facility Type: Other
Other Type: SHOE POLISH MFG.
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor
Contact Name: M. RICE
Telephone: 4087325120
Owner Name: THE JOHN LINCOLN COMPANY
Owner Address: 172 COMMERCIAL STREET
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000008893
Tank Num: 003
Container Num: 3
Year Installed: 1965
Tank Capacity: 00001000
Facility Type: Other
Other Type: SHOE POLISH MFG.
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor
Contact Name: M. RICE
Telephone: 4087325120
Owner Name: THE JOHN LINCOLN COMPANY
Owner Address: 172 COMMERCIAL STREET
Owner City,St,Zip: SUNNYVALE, CA 94086

THE JOHN LINCOLN CO. (Continued) **U001594927**

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W30R01
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1988-01-01 00:00:00
Closed Date:	2001-06-25 00:00:00

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35 **PROTO ENGINEERING**
183 COMMERCIAL ST
SUNNYVALE, CA 94086

CERCLIS
HAZNET
RCRA-LQG
TRIS
EMI
ENVIROSTOR

1000415270
94086PRTNG18

CERCLIS:

Site ID:	0902504
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	HRS Start Needed

CERCLIS Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jeff Inglis
Contact Tel:	(415) 972-3095
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Dan McMindes
Contact Tel:	(415) 972-3401
Contact Title:	Site Assessment Manager (SAM)

Site Description: 11/00: Follow up with state pre lead.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	10/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	01/01/1987
Priority Level:	Low
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	08/01/1988
Priority Level:	Low
Action:	SITE INSPECTION

PROTO ENGINEERING (Continued) **1000415270**

Date Started:	Not reported
Date Completed:	02/05/1990
Priority Level:	Low

HAZNET:

Gepaid:	CAD981677404
Contact:	GLYNN E SHAW
Telephone:	4087380693
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	181 COMMERCIAL ST
Mailing City,St,Zip:	SUNNYVALE, CA 940865202
Gen County:	Santa Clara
TSD EPA ID:	CAD981160948
TSD County:	1
Waste Category:	Liquids with pH <UN-> 2 with metals
Disposal Method:	Recycler
Tons:	52.9996
Facility County:	Santa Clara

Gepaid:	CAD981677404
Contact:	GLYNN E SHAW
Telephone:	4087380693
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	181 COMMERCIAL ST
Mailing City,St,Zip:	SUNNYVALE, CA 940865202
Gen County:	Santa Clara
TSD EPA ID:	AZD980735500
TSD County:	99
Waste Category:	Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Not reported
Tons:	2.4825
Facility County:	Santa Clara

Gepaid:	CAD981677404
Contact:	GLYNN E SHAW
Telephone:	4087380693
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	181 COMMERCIAL ST
Mailing City,St,Zip:	SUNNYVALE, CA 940865202
Gen County:	Santa Clara
TSD EPA ID:	CAD069138899
TSD County:	Santa Clara
Waste Category:	Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)
Disposal Method:	Recycler
Tons:	.2293
Facility County:	Santa Clara

Gepaid:	CAD981677404
Contact:	GLYNN E SHAW
Telephone:	4087380693

PROTO ENGINEERING (Continued) **1000415270**

Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	181 COMMERCIAL ST
Mailing City,St,Zip:	SUNNYVALE, CA 940865202
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.1232
Facility County:	Santa Clara

Gepaid:	CAD981677404
Contact:	GLYNN E SHAW
Telephone:	4087380693
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	181 COMMERCIAL ST
Mailing City,St,Zip:	SUNNYVALE, CA 940865202
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Aqueous solution with metals (restricted levels and Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc))
Disposal Method:	Disposal, Other
Tons:	5.9630
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
198 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD981677404
Contact:	Not reported
Classification:	Large Quantity Generator
TSDF Activities:	Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	600.00	D002	126863.00
D004	119933.00	D007	106064.00
D008	92931.00	D011	788.00
F005	600.00	F006	39431.00
F007	2627.00		

PROTO ENGINEERING (Continued) **1000415270**

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	01/30/2004
Actual Date Achieved Compliance:	02/07/2004
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/30/2004
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20040207

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4792
Air District Name:	BA
SIC Code:	3671
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	19
Reactive Organic Gases Tons/Yr:	15
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4792
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	30
Reactive Organic Gases Tons/Yr:	18
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4792
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD

PROTO ENGINEERING (Continued) **1000415270**

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 30
Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4792
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13
Reactive Organic Gases Tons/Yr: 9
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4792
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 23
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4792
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 19
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

PROTO ENGINEERING (Continued) **1000415270**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4792
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 19
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4792
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 17
Reactive Organic Gases Tons/Yr: 8
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4792
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 17
Reactive Organic Gases Tons/Yr: 8
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43

PROTO ENGINEERING (Continued) **1000415270**

Air Basin: SF
Facility ID: 4792
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 16
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4792
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15.636
Reactive Organic Gases Tons/Yr: 7.289272
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.001
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.0009

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360107
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 1995-03-31 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3763888888889
Longitude: -122.008611111111
Alias Name: CAD981677404
43360107
Alias Type: EPA Identification Number
Calsites ID Number

PROTO ENGINEERING (Continued) **1000415270**

APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	FACILITY IDENTIFIED IDENTIFIED VIA FIT SSI REPORT.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1989-07-27 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

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35 **WL HICKEY SONS INC** **Cortese** **S103880750**
190 COMMERCIAL ST **N/A**
SUNNYVALE, CA 94086

Cortese:

Region:	CORTESE
Facility Addr2:	190 COMMERCIAL ST

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35 **MODERN MACHINE CO** **CERC-NFRAP** **1003879396**
214 COMMERCIAL ST **CAD982400467**
SUNNYVALE, CA 94086

CERC-NFRAP:

Site ID:	0903483
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

MODERN MACHINE CO (Continued) **1003879396**

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: EMANUEL EQUIPMENT
Alias Address: Not reported
CA
Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 07/01/1988
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 04/13/1989
Priority Level: Low

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 09/29/1994
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 09/29/1994
Priority Level: Not reported

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35 **SUNNYVALE CORP YARD** **HIST LUST** **S103880744**
221 COMMERCIAL ST **N/A**
SUNNYVALE, CA

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30J02
Region Code: 2
Oversite Agency: SFRWQCB
Date Listed: 1988-01-01 00:00:00
Closed Date: Not reported

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35 **KIMBALL MOTORS** **Cortese** **S102428094**
221 COMMERCIAL **N/A**
SUNNYVALE, CA 94088

Cortese:
Region: CORTESE
Facility Addr2: Not reported

35	**SUNNYVALE CITY OF** **221 COMMERCIAL ST** **SUNNYVALE, CA 94086**	**CERCLIS** **FINDS** **LUST** **RCRA-LQG** **SLIC** **NY MANIFEST**	**1000323877** **CAD981983281**

CERCLIS:

Site ID:	0904266
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	SI Start Needed

CERCLIS Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jeff Inglis
Contact Tel:	(415) 972-3095
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Dan McMindes
Contact Tel:	(415) 972-3401
Contact Title:	Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):

Alias Name:	PREVIOUS EPA ID# CAD982399818
Alias Address:	Not reported CA

Site Description: Not reported

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/01/1988
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	04/28/1989
Priority Level:	Low

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

California - Hazardous Waste Tracking System - Datamart

SUNNYVALE CITY OF (Continued) **1000323877**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SDWIS [WS] (Safe Drinking Water Information System (Water System)). Water Systems can have one or more water system facilities. The water system will purchase water from several facilities. Drinking water information is stored in EPA’s SDWIS, which contains information about public water systems and their violations of EPA’s regulations for safe drinking water. These statutes and accompanying regulations establish maximum contaminant levels (MCL), treatment techniques, and monitoring and reporting requirements to ensure that water provided to customers is safe for human consumption.

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Federal
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Structure Failure
Leak Source:	Tank
Global Id:	T0608591795
Stop Date:	1986-09-08 00:00:00
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1988-12-07 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	1986-09-08 00:00:00
Enforcement Dt:	Not reported
Release Date:	1986-09-08 00:00:00
Review Date:	2000-05-10 00:00:00
Enter Date:	1989-03-31 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Preliminary site assessment underway
Chemical:	Gasoline
Contact Person:	Not reported

SUNNYVALE CITY OF (Continued) **1000323877**

Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: KER
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-1973
Case Number: 43-1973
Qty Leaked: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: SMS ALSO-SEE CSF-370PPB TCE,670PPB TRANS-1,2 DCE,1000PPB TOT-1,2 DCE

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981983281

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

SLIC:
Region: 2
Facility ID: 43-1973
Facility Status: Preliminary site assessment underway
Date Closed: Not reported
Local Case #: 43-1973
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: 12/7/1988
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SUNNYVALE CITY OF (Continued) **1000323877**

NY MANIFEST:

Document ID:	NYG1565181
Manifest Status:	Not reported
Trans1 State ID:	SCR000074591
Trans2 State ID:	NYD982792814
Generator Ship Date:	01/12/2000
Trans1 Recv Date:	01/12/2000
Trans2 Recv Date:	01/13/2000
TSD Site Recv Date:	01/27/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD981983281
Trans1 EPA ID:	NYD000632372
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00150
Units:	P - Pounds
Number of Containers:	002
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	00
Facility Type:	Generator
EPA ID:	CAD981983281
Facility Name:	SUNNYVALE CITY OF
Facility Address:	221 COMMERCIAL ST
Facility City:	SUNNYVALE
Facility Zip 4:	Not reported
Country:	USA
County:	Not reported
Mailing Name:	SUNNYVALE CITY OF
Mailing Contact:	KIM FLEMING
Mailing Address:	221 COMMERCIAL ST
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	94086
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	408-730-7510

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35 **SUNNYVALE CORPORATION YARD**
221 COMMERCIAL ST
SUNNYVALE, CA

LUST
SLIC
EMI
ENVIROSTOR

S101482403
N/A

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	COSTRE
How Discovered:	RBD
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL18299720

SUNNYVALE CORPORATION YARD (Continued) **S101482403**

Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2002-07-02 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: 1995-12-01 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: VOC
Contact Person: Not reported
Responsible Party: CITY OF SUNNYVALE
RP Address: PO BOX 3707
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: KER
Staff Initials: Not reported
Lead Agency: Not reported
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MS_T,IS_T
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1829900
Case Number: SL18299720
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL18299720

SUNNYVALE CORPORATION YARD (Continued) **S101482403**

Assigned Name:	SLICSITE
Lead Agency Contact:	Not reported
Lead Agency:	Not reported
Lead Agency Case Number:	Not reported
Responsible Party:	CITY OF SUNNYVALE
Recent Dtw:	Not reported
Substance Released:	VOC
Facility Status:	**Case Closed**

SLIC:

Region:	2
Facility ID:	SL18299720
Facility Status:	Case Closed
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	RBD
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2433
Air District Name:	BA
SIC Code:	4111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2433
Air District Name:	BA
SIC Code:	4111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0

SUNNYVALE CORPORATION YARD (Continued) **S101482403**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1993
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2433
Air District Name: BA
SIC Code: 4111
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2433
Air District Name: BA
SIC Code: 4111
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2433
Air District Name: BA
SIC Code: 4111
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997

SUNNYVALE CORPORATION YARD (Continued) **S101482403**

Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2433
Air District Name:	BA
SIC Code:	4111
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43750005
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Inactive - Needs Evaluation**
Status Date:	1995-03-31 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3783333333333
Longitude:	-122.008333333333
Alias Name:	CAD982399818 43750005
Alias Type:	EPA Identification Number Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	FACILITY IDENTIFIED EPA FIT PRELIMINARY ASSESSMENT EPA COMPLETED PRELIMINARY ASSESSMENT AND RECOMMEND MEDIUM PRIORITY SCREENING SITE INSPECTION EPA/CERCLA SITE PENDING STATUS: EPA SITE.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1989-04-27 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED

SUNNYVALE CORPORATION YARD (Continued) **S101482403**

Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

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35 **FAR WEST MOVING & STORAGE** **LUST** **S107995886**
930 E CALIFORNIA **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W30R03f
Closed Date:	11/6/1990
Lop Number:	06-032

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35 **WESTERN PRECISION INC** **CERCLIS** **1000403134**
230 COMMERCIAL ST **RCRA-SQG** **CAD981170913**
SUNNYVALE, CA 94086 **FINDS**
ENVIROSTOR

CERCLIS:

Site ID:	0900169
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup

CERCLIS Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jeff Inglis
Contact Tel:	(415) 972-3095
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Dan McMindes
Contact Tel:	(415) 972-3401
Contact Title:	Site Assessment Manager (SAM)

Site Description: OCA BY SFRWQCB PER EMAIL DATED 8/12/04 D TSUJI DTSC-BERKELEY

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/01/1988

WESTERN PRECISION INC (Continued) **1000403134**

Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 08/07/1989
Priority Level: High

RCRAInfo:
Owner: PETER VAN DYCK
(415) 555-1212
EPA ID: CAD981170913

Contact: ENVIRONMENTAL MANAGER
(408) 739-3801

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43350087
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Refer: RWQCB**
Status Date: 1995-03-31 00:00:00
Restricted Use: NO

WESTERN PRECISION INC (Continued) **1000403134**

Funding:	Not reported
Latitude:	37.3783333333333
Longitude:	-122.007777777778
Alias Name:	CAD981170913 43350087
Alias Type:	EPA Identification Number Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	FACILITY IDENTIFIED EPA FIT PRELIMINARY ASSESSMENT EPA COMPLETED PRELIMINARY ASSESSMENT AND RECOMMEND SCREENING SITE INSPECTION EPA/CERCLA SITE PENDING STATUS: EPA SITE.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1989-08-01 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

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35 **FAR WEST MOVING & STORAGE** **LUST** **S103880749**
930 E CALIFORNIA **HIST LUST** **N/A**
SUNNYVALE, CA 94086

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500603
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1990-09-01 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported

FAR WEST MOVING & STORAGE (Continued) **S103880749**

Close Date:	1990-11-06 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1990-01-29 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	James Cohune
RP Address:	PO Box 1729
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff:	ZSC
Staff Initials:	CW
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W30R03f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S1W30R03f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported

FAR WEST MOVING & STORAGE (Continued) **S103880749**

Preliminary Site Assesment Began:	9/1/1990
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W30R03
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1990-04-12 00:00:00
Closed Date:	1990-11-06 00:00:00

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35 **FAR WEST MOVING AND STORA** **Cortese** **S105035067**
930 CALIFORNIA **N/A**
SUNNYVALE, CA 94086

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

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36 **PHILIPS SEMICONDUCTORS** **CERCLIS** **1000314221**
860 KIFER **RCRA-SQG** **CAT000614099**
SUNNYVALE, CA 94086 **FINDS**

CERCLIS:

Site ID:	0902637
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Other Cleanup Activity: Federal Facility-Lead Cleanup

CERCLIS Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jeff Inglis
Contact Tel:	(415) 972-3095
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Dan McMindes
Contact Tel:	(415) 972-3401
Contact Title:	Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):

Alias Name:	SIGNETICS (CAD 982 400 400)
Alias Address:	Not reported

PHILIPS SEMICONDUCTORS (Continued) **1000314221**

CA
Site Description: Regional Board shut (in 1994) soil vapor extraction system to pursue other possible sources of TCE in GW. O

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1980
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 03/01/1985
Priority Level: High

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 03/01/1985
Priority Level: Low

RCRAInfo:
Owner: KEITH WILKINSON
(415) 555-1212
EPA ID: CAT000614099

Contact: SANDY SHIMKUS
(408) 991-4007

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

36 **SIGNETICS (AKA 860 KIEFER RD.)** **CERC-NFRAP** **1003879394**
100 SAN LUCAR CT **CAD982400400**
SUNNYVALE, CA 94086

CERC-NFRAP:

Site ID:	0903481
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	07/01/1988
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	09/06/1990
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	09/06/1990
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	09/06/1990
Priority Level:	Not reported

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36 **RELIANCE TECHNICAL SVCS** **FINDS** **1000313736**
895 KIFER RD **HAZNET** **CAD001938828**
SUNNYVALE, CA 94086 **RCRA-LQG**
RCRA-TSDF
CORRACTS
CERC-NFRAP
HIST UST

FINDS:

Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their

RELIANCE TECHNICAL SVCS (Continued) **1000313736**

precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD001938828
Contact:	SHALLEN YUEN-FACILITIES
Telephone:	4087208448
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	895 KIFER RD
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	0.4
Facility County:	Not reported

RCRAInfo Corrective Action Summary:

Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date:	09/19/2002
Event:	Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date:	09/19/2002

RELIANCE TECHNICAL SVCS (Continued) **1000313736**

Event: Current Human Exposures under Control, More information is needed to make a determination.
Event Date: 12/28/2000

Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event Date: 12/28/2000

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 09/25/1997

Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event Date: 09/25/1997

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date: 09/25/1997

Event: RFI Approved
Event Date: 07/14/1997

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 07/28/1994

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.
Event Date: 07/28/1994

Event: Stabilization Construction Completed
Event Date: 06/30/1994

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 09/13/1990

Event: RFI Imposition
Event Date: 02/15/1989

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event Date: 01/01/1984

RELIANCE TECHNICAL SVCS (Continued) **1000313736**

RCRAInfo:

Owner:	REVLON, INC. (212) 572-5000
EPA ID:	CAD001938828
Contact:	Not reported
Classification:	Large Quantity Generator, TSDF
TSDF Activities:	Not reported
Violation Status:	Violations exist

Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	08/16/1990
Actual Date Achieved Compliance:	09/19/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/02/1991
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-MANIFEST REQUIREMENTS
Date Violation Determined:	08/16/1990
Actual Date Achieved Compliance:	09/19/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/02/1991
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	07/10/1990
Actual Date Achieved Compliance:	09/19/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/10/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	04/08/1988
Actual Date Achieved Compliance:	08/16/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/26/1988
Penalty Type:	Not reported

There are 4 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS	19900919
	TSD-MANIFEST REQUIREMENTS	19900919
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19900919
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19880816

CORRACTS:

EPA ID:	CAD001938828
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	01/01/1984

RELIANCE TECHNICAL SVCS (Continued) **1000313736**

Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 325412
Pharmaceutical Preparation Manufacturing

EPA ID: CAD001938828
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 02/15/1989
Action: CA100 - RFI Imposition
NAICS Code(s): 325412
Pharmaceutical Preparation Manufacturing

EPA ID: CAD001938828
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 06/30/1994
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 325412
Pharmaceutical Preparation Manufacturing

EPA ID: CAD001938828
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 07/14/1997
Action: CA200 - RFI Approved
NAICS Code(s): 325412
Pharmaceutical Preparation Manufacturing

EPA ID: CAD001938828
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 07/28/1994
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 325412
Pharmaceutical Preparation Manufacturing

EPA ID: CAD001938828
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 07/28/1994
Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available
NAICS Code(s): 325412
Pharmaceutical Preparation Manufacturing

EPA ID: CAD001938828
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 09/13/1990
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 325412

RELIANCE TECHNICAL SVCS (Continued) **1000313736**

Pharmaceutical Preparation Manufacturing

EPA ID:	CAD001938828
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	09/19/2002
Action:	CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s):	325412 Pharmaceutical Preparation Manufacturing

EPA ID:	CAD001938828
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	09/19/2002
Action:	CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s):	325412 Pharmaceutical Preparation Manufacturing

EPA ID:	CAD001938828
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	09/25/1997
Action:	CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s):	325412 Pharmaceutical Preparation Manufacturing

EPA ID:	CAD001938828
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	09/25/1997
Action:	CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s):	325412 Pharmaceutical Preparation Manufacturing

EPA ID:	CAD001938828
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	09/25/1997
Action:	CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s):	325412 Pharmaceutical Preparation Manufacturing

EPA ID:	CAD001938828
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	12/28/2000
Action:	CA725IN - Current Human Exposures Under Control, More information is needed to

RELIANCE TECHNICAL SVCS (Continued) **1000313736**

	make a determination
NAICS Code(s):	325412 Pharmaceutical Preparation Manufacturing

EPA ID:	CAD001938828
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	12/28/2000
Action:	CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s):	325412 Pharmaceutical Preparation Manufacturing

CERC-NFRAP:

Site ID:	0900370
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/01/1988
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	08/07/1989
Priority Level:	Low
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	09/13/1990
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	09/13/1990
Priority Level:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000000832
Tank Num:	001
Container Num:	1

RELIANCE TECHNICAL SVCS (Continued) **1000313736**

Year Installed:	1983
Tank Capacity:	00000160
Facility Type:	Other
Other Type:	MANUFACTURING
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	4 inches
Leak Detection:	None
Contact Name:	SEBASTIAN J. TRUSSO
Telephone:	4087365462
Owner Name:	BARNES-HIND, INC.
Owner Address:	895 KIFER ROAD
Owner City,St,Zip:	SUNNYVALE, CA 94086

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36 **BARNES-HIND PHARMACEUTICALS** **ENVIROSTOR** **1001020618**
895 KIFER ROAD **N/A**
SUNNYVALE, CA 94086

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43280121
Site Code:	Not reported
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1989-06-19 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	0
Longitude:	0
Alias Name:	CAD001938828 BARNES-HIND HYDROCURVE SOLA OPTICAL SOLA/BARNES-HIND 43280121
Alias Type:	EPA Identification Number Alternate Name Alternate Name Alternate Name Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	FACILITY IDENTIFIED EPA FIT PRELIMINARY ASSESSMENT EPA COMPLETED PRELIMINARY ASSESSMENT AND RECOMMEND SCREENING SITE INSPECTION EPA/CERCLA SITE PENDING STATUS: EPA SITE.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery

BARNES-HIND PHARMACEUTICALS (Continued) **1001020618**

Completed Date:	1989-06-19 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

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36 **PILKINGTON BARNES HIND** **LUST** **S103393862**
895 KIFER RD **SLIC** **N/A**
SUNNYVALE, CA 94086

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	Cleanup and Abatement Orders
Funding:	COSTRE
How Discovered:	RBD
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL18207587
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	2002-07-02 00:00:00
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	1993-03-01 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Post remedial action monitoring

PILKINGTON BARNES HIND (Continued) **S103393862**

Chemical: VOC
Contact Person: Not reported
Responsible Party: PILKINGTON AEROSPACE
RP Address: WESTERN AVE
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MS_T,IS_I
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1820700
Case Number: 43S0225
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: PBH denies they had a release and has been pressing for immediate rescission of their SCR. We do not concur.

SLIC:
Region: STATE
Global Id: SL18207587
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0225
Responsible Party: PILKINGTON AEROSPACE
Recent Dtw: Not reported
Substance Released: VOC
Facility Status: Verification Monitoring Underway

SLIC:
Region: 2
Facility ID: 43S0225
Facility Status: Post remedial action monitoring
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RBD
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported

PILKINGTON BARNES HIND (Continued) **S103393862**

Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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36 **VERBATIM** **CERC-NFRAP** **1003879393**
820 KIFER RD **CAD982400384**
SUNNYVALE, CA 94086

CERC-NFRAP:
Site ID: 0903477
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 07/01/1988
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 01/31/1991
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 01/31/1991
Priority Level: Not reported

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36 **EASTMAN KODAK COMPANY** **RCRA-SQG** **1000414980**
810 KIFER RD **FINDS** **CAD981396369**
SUNNYVALE, CA 94086

EASTMAN KODAK COMPANY (Continued) **1000414980**

RCRAInfo:
Owner: IPNA SUNNYVALE CORP
(415) 555-1212
EPA ID: CAD981396369

Contact: ENVIRONMENTAL MANAGER
(408) 773-5717

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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36 **P B H INC** **RCRA-SQG** **1000313716**
810 KIFER RD **ENVIROSTOR** **CAD982371817**
SUNNYVALE, CA 94086

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD982371817

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360118
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1991-07-01 00:00:00

P B H INC (Continued) **1000313716**

Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3747222222222
Longitude:	-122.013611111111
Alias Name:	43360118
Alias Type:	Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Site screening. Verbatim Microdisk operated a microdisk assembly at the site between 1983 and 1987. Subsequently Sola/Barnes Hind have used the facility for administrative offices and research and development of contact lenses. During Verbatim’s occupation, wastes stored in ’rated’ storage included small quantities of various halogenated solvents, alcohol, methanol, ketones, and hexane. The wastes were transported and disposed at class 1 disposal sites when Verbatim moved out. Sola/BarnesHind’s operation involved use of small quantities of solvents and other hazardous chemicals. The wastes are stored in exterior fenced and bermed area and are routinely picked up and disposed offsite by safety specialists. The site has two interconnected aquifers underneath. The deeper one has been in use for drinking water in the surrounding area. Analysis of site soils to depths up to 36 feet has not revealed presence of solvents. The groundwater in the lower aquifer has shown presence ofICA. RWQCB has determined Signetics, an adjoining facility, as the source. No further remedial action planned. EPA PA completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	1991-07-01 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

36 **MADE IN JAPAN**
135 N WOLFE RD
SUNNYVALE, CA 94086

RCRA-SQG 1000686019
FINDS CAD983630153

RCRAInfo:
Owner: DAVID CARDOZA
(408) 378-7098
EPA ID: CAD983630153

Contact: RON ENGEBRETSON
(408) 720-9000

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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36 **COOPER LASERSONICS INC**
795 KIFER RD
SUNNYVALE, CA 94086

RCRA-SQG 1000346334
FINDS CAD980887236

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD980887236

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

36 **HEALUX** **RCRA-SQG** **1000293126**
795 KIFER RD **CAD981980725**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	JUSTIN W JACOBS (415) 555-1212
EPA ID:	CAD981980725
Contact:	ENVIRONMENTAL MANAGER (408) 733-0266
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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36 **WU MEI & YOUNG Y (AMERICAN FOOD & CANDY)** **CERC-NFRAP** **1003879041**
116 SAN LAZARO **CAD982059198**
SUNNYVALE, CA 94086

CERC-NFRAP:

Site ID:	0902545
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	AMERICAN FOOD AND CANDY
Alias Address:	Not reported CA
Site Description:	Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	10/01/1987
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	04/01/1988
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	04/01/1988
Priority Level:	Not reported

36	**ACC U TUNE AND BRAKE S V L W** **138 N WOLFE RD** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **HAZNET**	**1000818713** **CAD983646225**

RCRAInfo:

Owner: DOUG DAILEY
(408) 779-5080
EPA ID: CAD983646225

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD983646225
Contact: DOUG DAILEY
Telephone: 4087795080
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 135 N WOLFE RD STE 10
Mailing City,St,Zip: SUNNYVALE, CA 940865212
Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 2.1680
Facility County: Santa Clara

Gepaid: CAD983646225
Contact: DOUG DAILEY
Telephone: 4087795080
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 135 N WOLFE RD STE 10
Mailing City,St,Zip: SUNNYVALE, CA 940865212
Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .5421
Facility County: Santa Clara

Gepaid: CAD983646225

ACC U TUNE AND BRAKE S V L W (Continued) **1000818713**

Contact: DOUG DAILEY
Telephone: 4087795080
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 135 N WOLFE RD STE 10
Mailing City,St,Zip: SUNNYVALE, CA 940865212
Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .7922
Facility County: Santa Clara

Gepaid: CAD983646225
Contact: DOUG DAILEY
Telephone: 4087795080
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 135 N WOLFE RD STE 10
Mailing City,St,Zip: SUNNYVALE, CA 940865212
Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Tons: .5003
Facility County: Santa Clara

Gepaid: CAD983646225
Contact: DOUG DAILEY
Telephone: 4087795080
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 135 N WOLFE RD STE 10
Mailing City,St,Zip: SUNNYVALE, CA 940865212
Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .6671
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

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36 **BOISE CASCADE** **HIST UST** **U001594882**
190 KIFER CT **N/A**
SUNNYVALE, CA 94086

HIST UST:
Region: STATE
Facility ID: 00000039093
Tank Num: 001
Container Num: #1
Year Installed: 1972
Tank Capacity: 00010000

BOISE CASCADE (Continued) **U001594882**

Facility Type: Other
Other Type: MFG
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: DON GOODWIN, GENERAL MANAGER
Telephone: 4087324420
Owner Name: BOISE CASCADE CORPORATION
Owner Address: ONE JEFFERSON SQUARE
Owner City,St,Zip: BOISE, ID 83728

Region: STATE
Facility ID: 00000039093
Tank Num: 002
Container Num: #2
Year Installed: Not reported
Tank Capacity: 00010000
Facility Type: Other
Other Type: MFG
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: DON GOODWIN, GENERAL MANAGER
Telephone: 4087324420
Owner Name: BOISE CASCADE CORPORATION
Owner Address: ONE JEFFERSON SQUARE
Owner City,St,Zip: BOISE, ID 83728

Region: STATE
Facility ID: 00000039093
Tank Num: 003
Container Num: #3
Year Installed: Not reported
Tank Capacity: 00010000
Facility Type: Other
Other Type: MFG
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: DON GOODWIN, GENERAL MANAGER
Telephone: 4087324420
Owner Name: BOISE CASCADE CORPORATION
Owner Address: ONE JEFFERSON SQUARE
Owner City,St,Zip: BOISE, ID 83728

36 ROHM DEVICE USA LLC KIFER
740 KIFER RD MAIN BLDG
SUNNYVALE, CA 94086

RCRA-LQG 1000351110
NY MANIFEST CAT000614081

RCRAInfo:

Owner: SIGNETICS
(408) 739-7700
EPA ID: CAT000614081

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST:

Document ID:	NYG2435607
Manifest Status:	Not reported
Trans1 State ID:	CAD982492399
Trans2 State ID:	NYD982792814
Generator Ship Date:	02/07/2002
Trans1 Recv Date:	02/07/2002
Trans2 Recv Date:	02/12/2002
TSD Site Recv Date:	02/22/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAT000614081
Trans1 EPA ID:	NYD000632372
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D004 - ARSENIC 5.0 MG/L TCLP
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	02
Facility Type:	Generator
EPA ID:	CAT000614081
Facility Name:	ROHM CORPORATION
Facility Address:	760 KIFER RD
Facility City:	SUNNYVALE
Facility Zip 4:	Not reported
Country:	USA
County:	Not reported
Mailing Name:	ROHM CORPORATION
Mailing Contact:	ART MURTY
Mailing Address:	760 KIFER RD
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	94086

ROHM DEVICE USA LLC KIFER (Continued) **1000351110**

Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	408-222-3598

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36 **ROHM DEVICE USA LLC** **AST** **A100184522**
760 KIFER RD **N/A**
SUNNYVALE, CA 94086

AST:

Owner:	ROHM DEVICE USA LLC
Total Gallons:	2000

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36 **PHILIPS SEMICONDUCTORS - KIFER** **UST** **U004049800**
740 KIFER RD **N/A**
SUNNYVALE, CA 94086

UST:

Region:	STATE
Local Agency:	Sunnyvale, Santa Clara County
Facility ID:	43-007-432017

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36 **FORMER TEL MOS INC FACILITY** **RCRA-SQG** **1000297897**
740 KIFER RD **CAD981642689**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD981642689
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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36 **PHILIPS SEMICONDUCTORS - KIFER** **LUST** **S106235030**
740 KIFER RD **SLIC** **N/A**
SUNNYVALE, CA

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	LET
Funding:	COSTRE
How Discovered:	RBD
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL18346766

PHILIPS SEMICONDUCTORS - KIFER (Continued) **S106235030**

Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	1988-07-02 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	1997-01-01 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Remedial action (cleanup) Underway
Chemical:	TCE, VOC
Contact Person:	Not reported
Responsible Party:	PHILIPS SEMICONDUCTORS
RP Address:	PO BOX 3409
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	MS
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	MS_T,IS_I
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	1834600
Case Number:	43S0113
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

SLIC:

Region:	STATE
Global Id:	SL18346766

PHILIPS SEMICONDUCTORS - KIFER (Continued) **S106235030**

Assigned Name:	SLICSITE
Lead Agency Contact:	MAX SHAHBAZIAN
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	43S0113
Responsible Party:	PHILIPS SEMICONDUCTORS
Recent Dtw:	Not reported
Substance Released:	TCE, VOC
Facility Status:	**Not reported**

SLIC:

Region:	2
Facility ID:	43S0113
Facility Status:	Remedial action (cleanup) Underway
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	RBD
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

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36 **EXAR CORPORATION** **CA FID UST** **S101594548**
740 KIFER RD **SWEEPS UST** **N/A**
SUNNYVALE, CA 94086

CA FID UST:

Facility ID:	43005445
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4084346400
Mail To:	Not reported
Mailing Address:	740 KIFER RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	A
Comp Number:	2017
Number:	1
Board Of Equalization:	Not reported
Ref Date:	01-15-91
Act Date:	01-15-91
Created Date:	01-15-91

EXAR CORPORATION (Continued) **S101594548**

Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002017-201701
Actv Date:	01-15-91
Capacity:	1000
Tank Use:	CHEMICAL
Stg:	W
Content:	WASTE SOLVENT
Number Of Tanks:	1

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36 **SIGNETICS CORP**
740 KIFER RD
SUNNYVALE, CA 94086

RCRA-SQG
FINDS
HAZNET
Cortese
SLIC
CORRACTS
CERC-NFRAP
CLEANERS

1000857232
CAD981408685

RCRAInfo Corrective Action Summary:

Event:	CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date:	04/01/1988

RCRAInfo:

Owner:	SHAHINIAN TRUST (415) 555-1212
EPA ID:	CAD981408685
Contact:	SANDY SHIMKUS (408) 991-4007
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

SIGNETICS CORP (Continued) **1000857232**

HAZNET:

Gepaid:	CAD981408685
Contact:	PHILIPS SEMICONDUCTORS
Telephone:	4089912000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Organic solids with halogens
Disposal Method:	Transfer Station
Tons:	4.3750
Facility County:	Santa Clara

Gepaid:	CAD981408685
Contact:	PHILIPS SEMICONDUCTORS
Telephone:	4089912000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	WAD009477175
TSD County:	99
Waste Category:	Organic solids with halogens
Disposal Method:	Recycler
Tons:	.5000
Facility County:	Santa Clara

Gepaid:	CAD981408685
Contact:	PHILIPS SEMICONDUCTORS
Telephone:	4089912000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Organic solids with halogens
Disposal Method:	Transfer Station
Tons:	0.6
Facility County:	Santa Clara

Gepaid:	CAD981408685
Contact:	PHILIPS SEMICONDUCTORS
Telephone:	4089912000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Solids or sludges with halogenated organic compounds > 1000mg/kg

SIGNETICS CORP (Continued) **1000857232**

Disposal Method: Transfer Station
Tons: 3.325
Facility County: Santa Clara

Gepaid: CAD981408685
Contact: PHILIPS SEMICONDUCTORS
Telephone: 4089912000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Organic solids with halogens
Disposal Method: Transfer Station
Tons: 2.3500
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

Cortese:
Region: CORTESE
Facility Addr2: Not reported

SLIC:
Region: 2
Facility ID: 43S0113
Facility Status: Pollution Characterization
Date Closed: Not reported
Local Case #: 43-1930
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: 11/1/1986
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORRACTS:

EPA ID: CAD981408685
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 04/01/1988
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 334413 42169
Semiconductor and Related Device Manufacturing

SIGNETICS CORP (Continued) **1000857232**

CERC-NFRAP:
Site ID: 0902319
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMindes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1986
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 10/01/1987
Priority Level: Low

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 04/01/1988
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 04/01/1988
Priority Level: Not reported

CLEANERS:
EPA Id: CAD981408685
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7212
SIC Description: Garment Pressing, and Agents for Laundries and Drycleaners
Create Date: 12/08/1995
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1109 MCKAY DR
Mailing Address 2: Not reported
Mailing State: CA

SIGNETICS CORP (Continued) **1000857232**

Mailing Zip:	951310000
Region Code:	0
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR M/S SJ-55
Contact Address 2:	Not reported
Contact Telephone:	4084746129

EPA Id:	CAD981408685
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7216
SIC Description:	Drycleaning Plants, Except Rug Cleaning
Create Date:	12/08/1995
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	0
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR M/S SJ-55
Contact Address 2:	Not reported
Contact Telephone:	4084746129

EPA Id:	CAD981408685
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7219
SIC Description:	Laundry and Garment Services, NEC (except diaper service and clothing alteration and repair)
Create Date:	12/08/1995
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	0
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR M/S SJ-55
Contact Address 2:	Not reported

SIGNETICS CORP (Continued) **1000857232**

Contact Telephone:	4084746129
EPA Id:	CAD981408685
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	12/08/1995
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	0
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR M/S SJ-55
Contact Address 2:	Not reported
Contact Telephone:	4084746129

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36 **TELMOS, INC.**
740 KIFER RD
SUNNYVALE, CA 94086

HIST UST **U001594926**
N/A

HIST UST:

Region:	STATE
Facility ID:	00000053604
Tank Num:	001
Container Num:	001
Year Installed:	1973
Tank Capacity:	00009000
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	10 gauge
Leak Detection:	10
Contact Name:	Not reported
Telephone:	4087324882
Owner Name:	TELMOS, INC.
Owner Address:	740 KIFER ROAD
Owner City,St,Zip:	SUNNYVALE, CA 94086

36 **HOME DEPOT USA INC HD 0640**
680 KIFER RD
SUNNYVALE, CA 94086

RCRA-SQG **1008879821**
CAR000166686

RCRAInfo:

Owner:	HOME DEPOT USA
EPA ID:	CAR000166686
Contact:	ROBERT PERKINS 760-602-8700
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

---

36 **ROYAL AUTO BODY**
150 NORTH WOLFE ROAD
SUNNYVALE, CA

LUST **S106874447**
N/A

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	KIFER ROAD
Enf Type:	13267R
Funding:	COSTRE
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608564059
Stop Date:	Not reported
Confirm Leak:	2004-01-01 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	2006-10-10 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	2003-11-01 00:00:00
Enforcement Dt:	Not reported
Release Date:	2004-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Remedial action (cleanup) Underway
Chemical:	79016,12036
Contact Person:	Not reported
Responsible Party:	GAIL JONES
RP Address:	1533 B STREET
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*

ROYAL AUTO BODY (Continued) **S106874447**

MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: MS
Staff Initials: UST
Lead Agency: Regional Board
Local Agency: 43000L
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 2020167
Case Number: 43S0221
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

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36 **ROYAL AUTO BODY & TOWING**
150 N WOLFE ROAD
SUNNYVALE, CA 94086

CERCLIS **1000147298**
RCRA-SQG **CAD981694318**
FINDS
HAZNET
EMI
ENVIROSTOR

CERCLIS:
Site ID: 0900079
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

CERCLIS Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMindes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

Site Description: 1) RWQCB Lead2)RWQCB thinks contamination is from another site

CERCLIS Assessment History:
Action: DISCOVERY

ROYAL AUTO BODY & TOWING (Continued) **1000147298**

Date Started: Not reported
Date Completed: 04/01/1988
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 05/28/1990
Priority Level: Low

Action: SITE INSPECTION
Date Started: 08/19/1994
Date Completed: 09/29/1994
Priority Level: Low

RCRAInfo:
Owner: S O MCDONALD ENT INC
(415) 555-1212
EPA ID: CAD981694318

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAD981694318
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 150 N WOLFE RD

ROYAL AUTO BODY & TOWING (Continued) **1000147298**

Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .2160
Facility County: Santa Clara

Gepaid: CAD981694318
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 150 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Tons: .1542
Facility County: Santa Clara

Gepaid: CAD981694318
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 150 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 1.3049
Facility County: Santa Clara

Gepaid: CAD981694318
Contact: LAVETTE STRICKLAND
Telephone: 4084813022
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 150 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: 0.14
Facility County: Not reported

Gepaid: CAD981694318
Contact: Not reported
Telephone: 0000000000

ROYAL AUTO BODY & TOWING (Continued) **1000147298**

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 150 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 2.1760
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
37 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD

ROYAL AUTO BODY & TOWING (Continued) **1000147298**

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

ROYAL AUTO BODY & TOWING (Continued) **1000147298**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43

ROYAL AUTO BODY & TOWING (Continued) **1000147298**

Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3631
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43750006
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Refer: Other Agency**
Status Date: 1995-03-25 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3752777777778
Longitude: -122.013888888889
Alias Name: CAD981694318
43750006
Alias Type: EPA Identification Number
Calsites ID Number

ROYAL AUTO BODY & TOWING (Continued) **1000147298**

APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	FACILITY IDENTIFIED IDENTIFIED VIA FIT PA REPORT
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1990-04-26 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

36	**MAXIM INTEGRATED PRODUCTS** **120 SAN GABRIEL DRIVE** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **HAZNET**	**1000254883** **CAD982470536**

RCRAInfo:

Owner:	MAXIM INTEGRATED PROD (415) 555-1212
EPA ID:	CAD982470536
Contact:	ENVIRONMENTAL MANAGER (408) 737-7600
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD982470536
Contact:	Not reported

MAXIM INTEGRATED PRODUCTS (Continued) **1000254883**

Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	120 SAN GABRIEL DR
Mailing City,St,Zip:	SUNNYVALE, CA 940865125
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	.9174
Facility County:	Santa Clara

Gepaid:	CAD982470536
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	120 SAN GABRIEL DR
Mailing City,St,Zip:	SUNNYVALE, CA 940865125
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	***
Disposal Method:	Treatment, Tank
Tons:	.0875
Facility County:	Santa Clara

Gepaid:	CAD982470536
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	120 SAN GABRIEL DR
Mailing City,St,Zip:	SUNNYVALE, CA 940865125
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Laboratory waste chemicals
Disposal Method:	Transfer Station
Tons:	.0150
Facility County:	Santa Clara

Gepaid:	CAD982470536
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	120 SAN GABRIEL DR
Mailing City,St,Zip:	SUNNYVALE, CA 940865125
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	.0250
Facility County:	Santa Clara

MAXIM INTEGRATED PRODUCTS (Continued) **1000254883**

Gepaid: CAD982470536
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 120 SAN GABRIEL DR
Mailing City,St,Zip: SUNNYVALE, CA 940865125
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 1.1467
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
26 additional CA_HAZNET: record(s) in the EDR Site Report.

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36 **150 SAN LAZARO AVENUE** **LUST** **S106235303**
150 SAN LAZARO AVENUE **SLIC** **N/A**
SUNNYVALE, CA

LUST:
Region: STATE
Case Type: Not reported
Cross Street: Kifer
Enf Type: NOV
Funding: RB
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SLT2O3733
Stop Date: Not reported
Confirm Leak: 2001-03-08 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Leak being confirmed
Chemical: VOC
Contact Person: Not reported

150 SAN LAZARO AVENUE (Continued) **S106235303**

Responsible Party: Not reported
RP Address: Not reported
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 43S1024
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SLT2O3733
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S1024
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: VOC
Facility Status: Case Open

SLIC:
Region: 2
Facility ID: SLT2O3733
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported

150 SAN LAZARO AVENUE (Continued) **S106235303**

Date Post Remedial Action Monitoring Began: Not reported

36

HEPCO
150 SAN LAZARO
SUNNYVALE, CA 94086

LUST
SLIC
CERC-NFRAP

1003879040
CAD982059131

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	COSTRE
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SLT2O341231
Stop Date:	Not reported
Confirm Leak:	2001-03-08 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	Not reported
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Leak being confirmed
Chemical:	Not reported
Contact Person:	Not reported
Responsible Party:	KEVIN SARKISIAN
RP Address:	888 DOOLITTLE DRIVE
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	DIB
Staff Initials:	Not reported
Lead Agency:	Not reported
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported

HEPCO (Continued) **1003879040**

Work Suspended: Not reported
Local Case #: Not reported
Case Number: SLT2O341231
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SLT2O341231
Assigned Name: SLICSITE
Lead Agency Contact: Not reported
Lead Agency: Not reported
Lead Agency Case Number: Not reported
Responsible Party: KEVIN SARKISIAN
Recent Dtw: Not reported
Substance Released: Not reported
Facility Status: Not reported

SLIC:
Region: 2
Facility ID: SLT2O341231
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CERC-NFRAP:
Site ID: 0902544
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094

HEPCO (Continued) **1003879040**

Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	10/01/1987
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	03/01/1988
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	03/01/1988
Priority Level:	Not reported

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36 **154 SAN LAZARO AVENUE** **LUST** **S106235304**
154 SAN LAZARO AVENUE **SLIC** **N/A**
SUNNYVALE, CA

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Kifer
Enf Type:	NOV
Funding:	RB
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SLT2O3744
Stop Date:	Not reported
Confirm Leak:	2001-03-08 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Leak being confirmed

154 SAN LAZARO AVENUE (Continued) **S106235304**

Chemical: VOC
Contact Person: Not reported
Responsible Party: Not reported
RP Address: Not reported
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 43S1025
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SLT2O3744
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S1025
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: VOC
Facility Status: **Case Open**

SLIC:
Region: 2
Facility ID: SLT2O3744
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported

154 SAN LAZARO AVENUE (Continued) **S106235304**

Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

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36 **FABTECH** **CERC-NFRAP** **1003879033**
154 SAN LAZARO **CAD982005514**
SUNNYVALE, CA 94086

CERC-NFRAP:

Site ID:	0902528
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	WESTERN SALE ASSOCIATES
Alias Address:	Not reported CA

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	10/01/1987
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	03/01/1988
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	03/01/1988
Priority Level:	Not reported

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36 **COOPER LASER SONICS** **RCRA-SQG** **1000346336**
177 WN WOLFE RD **FINDS** **CAD981390347**
SUNNYVALE, CA 94086

COOPER LASER SONICS (Continued) **1000346336**

RCRAInfo:
Owner: COOPERVISION
(415) 555-1212
EPA ID: CAD981390347

Contact: ENVIRONMENTAL MANAGER
(408) 720-1100

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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36 **158 SAN LAZARO AVENUE** **SLIC** **S106235309**
158 SAN LAZARO AVENUE **N/A**
SUNNYVALE, CA

SLIC:
Region: 2
Facility ID: SLT2O607
Facility Status: Preliminary site assessment underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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36 **FORMER MAGNETICS INC SITE** **RCRA-SQG** **1009216644**
158 SAN LAZARO AVE **CAR000170480**
SUNNYVALE, CA 94086

FORMER MAGNETICS INC SITE (Continued) **1009216644**

RCRAInfo:

Owner:	SPANG AND COMPANY
EPA ID:	CAR000170480
Contact:	CYNTHIA TOTTON 479-675-4800
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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36 **MAGNETICS, INC**
158 SAN LAZARO AVENUE
SUNNYVALE, CA

LUST **S106235061**
SLIC **N/A**

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	13267R
Funding:	RB
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SLT2O340230
Stop Date:	Not reported
Confirm Leak:	2001-03-08 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Leak being confirmed
Chemical:	SUB031
Contact Person:	Not reported
Responsible Party:	Not reported
RP Address:	Not reported
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0

MAGNETICS, INC (Continued) **S106235061**

MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 2020034
Case Number: 43S0973
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: SLIC Site (Solvent release to groundwater)

SLIC:
Region: STATE
Global Id: SLT2O340230
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0973
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: SUB031
Facility Status: Not reported

SLIC:
Region: 2
Facility ID: 43S0973
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

36	**162 SAN LAZARO AVENUE** **162 SAN LAZARO AVENUE** **SUNNYVALE, CA**	**LUST** **SLIC** **EMI**	**S106235305** **N/A**

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Kifer
Enf Type:	NOV
Funding:	RB
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SLT2O3766
Stop Date:	Not reported
Confirm Leak:	2001-03-08 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Leak being confirmed
Chemical:	VOC
Contact Person:	Not reported
Responsible Party:	Not reported
RP Address:	Not reported
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	MS
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	Not reported
Case Number:	43S1051

162 SAN LAZARO AVENUE (Continued) **S106235305**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SLT2O3766
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S1051
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: VOC
Facility Status: **Case Open**

SLIC:
Region: 2
Facility ID: SLT2O3766
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

EMI:
Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3160
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

36	**C & G TOOL INC** **165 SAN LAZARO AVE** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS**	**1000114934** **CAD009177809**

RCRAInfo:

Owner:	DAVID R CROWNINSHIELD (415) 555-1212
EPA ID:	CAD009177809
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

36	**RADIATION DETECTION COMPANY** **162 WOLFE RD** **SUNNYVALE, CA 94086**	**FINDS** **HAZNET** **RCRA-LQG**	**1000246133** **CAD981993165**

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD981993165
Contact:	RADIATION DETECTION CO INC
Telephone:	4087358700
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	162 N WOLFE RD
Mailing City,St,Zip:	SUNNYVALE, CA 940865211
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Disposal, Other
Tons:	.5454
Facility County:	Santa Clara

RADIATION DETECTION COMPANY (Continued) **1000246133**

Gepaid: CAD981993165
Contact: RADIATION DETECTION CO INC
Telephone: 4087358700
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 162 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Disposal, Other
Tons: .1668
Facility County: Santa Clara

Gepaid: CAD981993165
Contact: RADIATION DETECTION CO INC
Telephone: 4087358700
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 162 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD003963592
TSD County: Santa Clara
Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Recycler
Tons: .4220
Facility County: Santa Clara

Gepaid: CAD981993165
Contact: RADIATION DETECTION CO INC
Telephone: 4087358700
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 162 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD003963592
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: .0300
Facility County: Santa Clara

Gepaid: CAD981993165
Contact: RADIATION DETECTION CO INC
Telephone: 4087358700
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 162 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD003963592
TSD County: Santa Clara

RADIATION DETECTION COMPANY (Continued) **1000246133**

Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	0.05
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
32 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:

Owner:	RICHARD H HOLDEN (415) 555-1212
EPA ID:	CAD981993165
Contact:	ENVIRONMENTAL MANAGER (408) 735-8700
Classification:	Large Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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36 **SAN LAZARO AREA PLUME** **ENVIROSTOR** **1000122066**
BORDERED BY SAN LAZARO AVENUE / WOLFE RD **N/A**
SUNNYVALE, CA 94086

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43990003
Site Code:	Not reported
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1995-03-31 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	0
Longitude:	0
Alias Name:	CAD982399750 CAD982399750 43990003
Alias Type:	EPA Identification Number EPA Identification Number Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Facility identified via EPA Federal Investigation Team PA Summary Memorandum. Groundwater plume is bordered to the north by the Central Expressway, to the south by Kifer Road, to the east by San Lazaro Avenue, and to the west by Wolfe Road.
Completed Area Name:	PROJECT WIDE

SAN LAZARO AREA PLUME (Continued) **1000122066**

Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1990-03-30 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potenital Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

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36 **ICORE INTERNATIONAL**
180 N WOLFE RD
SUNNYVALE, CA 94086

CERCLIS **1000355054**
FINDS **CAD982004269**
LUST
SLIC
ENVIROSTOR

CERCLIS:
Site ID: 0903387
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

CERCLIS Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMindes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

Site Description: SFRWQCB LEAD AS OF SSC DATED 12/96 - Confirm Tsuji 8/04 MM

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/01/1988
Priority Level: Not reported

ICORE INTERNATIONAL (Continued) **1000355054**

Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	09/18/1990
Priority Level:	High
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	04/24/1992
Priority Level:	Low

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

California - Hazardous Waste Tracking System - Datamart

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	CENTRAL EXPWY
Enf Type:	13267MP
Funding:	COSTRE
How Discovered:	Other Means
How Stopped:	Other Means
Leak Cause:	Unknown
Leak Source:	Other Source
Global Id:	SL0608532554
Stop Date:	1988-01-01 00:00:00
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	2001-07-01 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	1988-01-01 00:00:00
Enforcement Dt:	Not reported
Release Date:	1989-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported

ICORE INTERNATIONAL (Continued) **1000355054**

GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remedial action (cleanup) Underway
Chemical: TCE
Contact Person: Not reported
Responsible Party: WALTER ORME
RP Address: 6001 SHELLMOUND STREET, SUITE 700
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: TM
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 2020031
Case Number: 43S0974
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL0608532554
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0974
Responsible Party: WALTER ORME
Recent Dtw: Not reported
Substance Released: TCE
Facility Status: Remedial Action Underway

SLIC:
Region: 2
Facility ID: 43S0175
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported

ICORE INTERNATIONAL (Continued) **1000355054**

Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43280126
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1995-03-31 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3766666666667
Longitude:	-122.033333333333
Alias Name:	CAD982004269 43280126
Alias Type:	EPA Identification Number Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Facility Identified: EPA Cercla Preliminary Assessment (PA) EPA completed PA and recommend high-priority Screening Site Inspection (SSI). Location Information: Township 6 South, Range 1 West, Section 39.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1990-09-18 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported

ICORE INTERNATIONAL (Continued) **1000355054**

Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

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36 **SIGNETICS CORP** **RCRA-SQG** **1000314213**
175 SAN GABRIEL **FINDS** **CAT000614123**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	US PHILIPS CORP (415) 555-1212
EPA ID:	CAT000614123
Contact:	ENVIRONMENTAL MANAGER (408) 739-7700
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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37 **WESTINGHOUSE ELECTRIC CORPORATION** **CA BOND EXP. PLAN** **S100833422**
401 EAST HENDY **N/A**
SUNNYVALE, CA 94088

CA BOND EXP. PLAN:

Reponsible Party:	NPL SITE CLEANUP WORKPLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	Westinghouse, the responsible party, has been conducting remedial activities under the direction of the RWQCB and EPA. DHS has budgeted $50,000 for development, review and approval of a RAP and for oversight/monitoring of cleanup efforts, and will seek to recover all actual costs from the responsible party. The RP will pay all costs associated with RI/FS and cleanup activities.
Site Description:	The Westinghouse Electric Corporation site consists of office buildings, manufacturing facilities, a parking area and some open areas. It encompasses approximately 75 acres of land. From 1947 to 1964, Westinghouse operated a production and repair plant for electrical apparatus which contained polychlorinated biphenyl (PCB) fluids.

WESTINGHOUSE ELECTRIC CORPORATION (Continued) **S100833422**

Hazardous Waste Desc:	Soil and ground water are contaminated with polychlorinated biphenyls (PCBs) as a result of the manufacturing of electrical equipment. High levels of PCBs have been found in soils near a PCB-storage tank, and at shallower depths throughout open areas. The contamination extends to boundary fence lines and to backyards of the residences and other properties along the west boundary. Ground water is also contaminated near the PCB-storage tank.
Threat To Public Health & Env:	The contaminated soil and ground water represent a potential health threat to workers at the site and to residents of adjacent properties if they are exposed to this material.
Site Activity Status:	In November, 1984, PCB-contaminated soil was removed from neighboring properties and along the boundary fence lines. In September, 1985, PCB-contaminated soil was removed from storage yards on the Westinghouse property. Lead agency responsibility has been transferred from the RWQCB to the EPA. The RP entered into a consent decree with the EPA in August, 1988. Currently, a remedial investigation and feasibility study is being conducted which will address the remaining PCB-contaminated soil near the old storage tank. Additional borings and ground water monitoring wells will be installed.

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37 **WESTINGHOUSE ELECTRIC CORP** **LUST** **S105194839**
401 HENDY AVE E **SLIC** **N/A**
SUNNYVALE, CA 94086

LUST:

Region:	STATE
Case Type:	Undefined
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global Id:	T0608591614
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	1994-02-10 00:00:00
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1984-11-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Remediation Plan
Chemical:	Solvents
Contact Person:	Not reported

WESTINGHOUSE ELECTRIC CORP (Continued) **S105194839**

Responsible Party: BLANK RP
RP Address: Not reported
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: CTH
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 43S0141
Qty Leaked: 0
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: 2
Facility ID: 43S0141
Facility Status: Remediation Plan
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: 2/10/1994
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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37 **WESTINGHOUSE ELECTRIC CORP.** **HIST LUST** **S103880746**
401 E HENDY AVE **N/A**
SUNNYVALE, CA

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30M01
Region Code: 2
Oversite Agency: SFRWQCB
Date Listed: 1988-01-01 00:00:00
Closed Date: Not reported

37 **WESTINGHOUSE ELECTRIC CORP.** **LUST** **S107997218**
401 E HENDY AVE **N/A**
SANTA CLARA (County), CA

LUST:

Region: SANTA CLARA
SCVWD ID: 06S1W30M01f
Closed Date: Not reported
Lop Number: Not reported

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38 **WESTINGHOUSE ELECTRIC (SU** **Cortese** **S101272899**
HENDY AVE / FAIROAKS **ENVIROSTOR** **N/A**
SUNNYVALE, CA 94087 **HIST Cal-Sites**

Cortese:

Region: CORTESE
Facility Addr2: Not reported

ENVIROSTOR:

Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 75
NPL: YES
Regulatory Agencies: SMBRP, US EPA
Lead Agency: US EPA
Program Manager: PATRICK LEE
Supervisor: MARK PIROS
Division Branch: North Coast
Facility ID: 43350001
Site Code: 200107
Assembly: 22
Senate: 13
Special Program: EPA - Multi-Site Cooperative Agreement
Status: **Refer: EPA**
Status Date: 1983-01-01 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.3776560910308
Longitude: -122.022427777778
Alias Name: CAD001864081
200107
CAD001864081
P21066
WESTINGHOUSE ELECTRIC CORP (SUNNYVALE)
WESTINGHOUSE ELECTRIC CORPORATION
43350001
Alias Type: EPA Identification Number
Project Code (Site Code)
HWIS Identification Code
PCode
Alternate Name
Alternate Name
Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: US EPA approved a Record of Decision for the project. The selected remedy involves the removal of contaminated soil, installation of a groundwater extraction and treatment system, and institutional controls.Removal of 255 cubic yards of soil from the former drum

WESTINGHOUSE ELECTRIC (SU (Continued) **S101272899**

storage yard.PCB-contaminated soil was removed from storage yards on the Westinghouse facility.PCB-contaminated soil was removed from neighboring properties and along the boundary fence lines.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 1991-10-16 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 1991-06-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1991-06-26 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 1989-04-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1985-09-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1984-11-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 2006-10-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2006-10-04 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 1988-08-30 00:00:00
Confirmed: 30534,30563,30018,30185,30186,30187
Confirmed Description: 1,2,4,5-Tetrachlorobenzene
Confirmed Description: 1,2,4-Trichlorobenzene
Confirmed Description: Polychlorinated biphenyls (PCBs)
Confirmed Description: 1,2-Dichlorobenzene
Confirmed Description: 1,3-Dichlorobenzene
Confirmed Description: 1,4-Dichlorobenzene
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Deed Restriction / Land Use Covenant
Future Due Date: 2007
Media Affected: OTH, SOIL
Media Affected Desc: Other Groundwater affected (uses other than drinking water)
Media Affected Desc: Soil
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30018, 30185, 30186, 30187, 30534, 30563
Potenital Description: Polychlorinated biphenyls (PCBs)

WESTINGHOUSE ELECTRIC (SU (Continued) **S101272899**

Potenital Description:	1,2-Dichlorobenzene
Potenital Description:	1,3-Dichlorobenzene
Potenital Description:	1,4-Dichlorobenzene
Potenital Description:	1,2,4,5-Tetrachlorobenzene
Potenital Description:	1,2,4-Trichlorobenzene
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	MANUFACTURING - OTHER

HISTORICAL CAL-SITES:

Facility ID:	43350001
Region:	2
Region Name:	BERKELEY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	01011983
Status:	REFOA - DOES NOT REQUIRE DTSC ACTION OR OVERSITE ACTIVITY. REFERED TO OTHER AGENCY LEAD
Status Name:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead Agency:	EPA
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
Facility Type:	NPRP
Type Name:	NPL SITE, RP-FUNDED
NPL:	Listed
SIC Code:	35
SIC Name:	MANU - INDUSTRIAL MACHINERY & EQUIPMENT
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	JSOTO
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	22
State Senate District Code:	13

Click this hyperlink while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

39

FAIR OAKS VILLAGE APTS. (WEST)
555 E WASHINGTON AVE
SANTA CLARA (County), CA

LUST

S107995878
N/A

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W30N01f
Closed Date:	10/11/1996
Lop Number:	07-060

39

FAIR OAKS VILLAGE APTS. (WEST)
555 E WASHINGTON AVE
SUNNYVALE, CA 94086

LUST
HIST LUST

S103880747
N/A

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500597
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1985-08-21 00:00:00
Pollution Char:	1986-04-07 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1996-10-11 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1985-10-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	=
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Diesel
Contact Person:	Not reported
Responsible Party:	Robert Owen
RP Address:	445 S San Antonio Road
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	ZSC
Staff Initials:	CT

FAIR OAKS VILLAGE APTS. (WEST) (Continued) **S103880747**

Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W30N01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W30N01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 8/21/1985
Pollution Characterization Began: 4/7/1986
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30N01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1986-01-01 00:00:00
Closed Date: 1996-10-11 00:00:00

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39 **FAIR OAKS VILLAGE APTS WE** **Cortese** **S103473203**
555 WASHINGTON **N/A**
SUNNYVALE, CA

Cortese:
Region: CORTESE
Facility Addr2: Not reported

40 **PEPSI COLA COMPANY** **HAZNET** **S105033308**
960 KIFER RD **Cortese** **N/A**
SUNNYVALE, CA 94086

HAZNET:

Gepaid:	CAL000014962
Contact:	PEPSI COLA CORP
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	960 KIFER RD
Mailing City,St,Zip:	SUNNYVALE, CA 940865206
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	.2293
Facility County:	Santa Clara

Gepaid:	CAL000014962
Contact:	--
Telephone:	--
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	960 KIFER RD
Mailing City,St,Zip:	SUNNYVALE, CA 940865206
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Alameda
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Transfer Station
Tons:	0.13
Facility County:	Not reported

Gepaid:	CAL000047198
Contact:	AL VILLARREAL, OPERATIONS MGR
Telephone:	4086172211
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	960 KIFER RD
Mailing City,St,Zip:	SUNNYVALE, CA 940865206
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Transfer Station
Tons:	0.31
Facility County:	Santa Clara

Gepaid:	CAL000047198
Contact:	AL VILLARREAL, OPERATIONS MGR
Telephone:	4086172211
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	960 KIFER RD
Mailing City,St,Zip:	SUNNYVALE, CA 940865206
Gen County:	Santa Clara
TSD EPA ID:	CAD053044053

PEPSI COLA COMPANY (Continued) **S105033308**

TSD County: Santa Clara
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: 0.15
Facility County: Santa Clara

Gepaid: CAL000014962
Contact: PEPSI COLA CORP
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 960 KIFER RD
Mailing City,St,Zip: SUNNYVALE, CA 940865206
Gen County: Santa Clara
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 5.0000
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

Cortese:
Region: CORTESE
Facility Addr2: 960 KIFER RD

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40 **WANDERER ELECTRIC** **LUST** **S107997192**
925 KIFER RD **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30R02f
Closed Date: Not reported
Lop Number: 14-328

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40 **WANDERER ELECTRIC** **Cortese** **S104161831**
925 KIFER RD **HIST LUST** **N/A**
SUNNYVALE, CA

Cortese:
Region: CORTESE
Facility Addr2: 925 Kifer Rd

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W30R02
Region Code: 2
Oversite Agency: SFRWQCB
Date Listed: 1986-01-01 00:00:00
Closed Date: Not reported

40	**MOHAWK LABORATORIES** **932 KIFER RD** **SUNNYVALE, CA 94086**	**FINDS** **HAZNET** **RCRA-LQG** **TRIS** **CERC-NFRAP** **HIST UST** **EMI** **CA WDS**	**1000160647** **94088MHWKL93**

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid:	CAD000080051
Contact:	GERALD IKEDA
Telephone:	4087382010
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3264
Mailing City,St,Zip:	SUNNYVALE, CA 940883264
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Not reported
Tons:	2.50
Facility County:	Not reported
Gepaid:	CAD000080051

MOHAWK LABORATORIES (Continued) **1000160647**

Contact: GERALD IKEDA
Telephone: 4087382010
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3264
Mailing City,St,Zip: SUNNYVALE, CA 940883264
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: 5.00
Facility County: Not reported

Gepaid: CAD000080051
Contact: GERALD IKEDA
Telephone: 4087382010
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3264
Mailing City,St,Zip: SUNNYVALE, CA 940883264
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 3.75
Facility County: Not reported

Gepaid: CAD000080051
Contact: GERALD IKEDA
Telephone: 4087382010
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3264
Mailing City,St,Zip: SUNNYVALE, CA 940883264
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Kings
Waste Category: Unspecified aqueous solution
Disposal Method: Disposal, Surface Impoundment
Tons: 31.25
Facility County: Not reported

Gepaid: CAD000080051
Contact: GERALD IKEDA
Telephone: 4087382010
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3264
Mailing City,St,Zip: SUNNYVALE, CA 940883264
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Kings
Waste Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Surface Impoundment
Tons: 5.25

MOHAWK LABORATORIES (Continued) **1000160647**

Facility County: Not reported

Click this hyperlink while viewing on your computer to access
43 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD000080051

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 12/04/2003
Actual Date Achieved Compliance: 12/12/2003

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/04/2003
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20031212

CERC-NFRAP:
Site ID: 0900901
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: MOHAWK LABORATORIES OF CALIFORNIA
Alias Address: Not reported
CA
Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 10/01/1987
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT

MOHAWK LABORATORIES (Continued) **1000160647**

Date Started:	Not reported
Date Completed:	04/01/1988
Priority Level:	Low
Action:	SITE INSPECTION
Date Started:	01/30/1992
Date Completed:	03/11/1993
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	03/11/1993
Priority Level:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000022584
Tank Num:	001
Container Num:	C-1
Year Installed:	Not reported
Tank Capacity:	00006000
Facility Type:	Other
Other Type:	MFG. MAINT. CHEMICAL
Total Tanks:	0001
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	Not reported
Telephone:	4087382010
Owner Name:	NCH CORPORATION
Owner Address:	2727 CHEMSEARCH BLVD.
Owner City,St,Zip:	IRVING, TX 75061

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4131
Air District Name:	BA
SIC Code:	2842
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4131

MOHAWK LABORATORIES (Continued) **1000160647**

Air District Name: BA
SIC Code: 2842
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4131
Air District Name: BA
SIC Code: 2842
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4131
Air District Name: BA
SIC Code: 2842
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4131
Air District Name: BA
SIC Code: 2842
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1

MOHAWK LABORATORIES (Continued) **1000160647**

Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4131
Air District Name: BA
SIC Code: 2899
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4131
Air District Name: BA
SIC Code: 2899
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4131
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

MOHAWK LABORATORIES (Continued) **1000160647**

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4131
Air District Name:	BA
SIC Code:	2842
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4131
Air District Name:	BA
SIC Code:	2842
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4131
Air District Name:	BA
SIC Code:	2842
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.485
Reactive Organic Gases Tons/Yr:	0.389855
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

CA WDS:

Facility ID:	San Francisco Bay 43I003410
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal

MOHAWK LABORATORIES (Continued) **1000160647**

operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4087382010
Facility Contact: JERRY IKEDA
Agency Name: MOHAWK LABS OF CA
Agency Address: PO Box 3264
Agency City,St,Zip: Sunnyvale 940883264
Agency Contact: JERRY IKEDA
Agency Telephone: 4087382010
Agency Type: Private
SIC Code: Not reported
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: Not reported
Baseline Flow: Not reported
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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40 **SCR-NCH CORP & MOHAWK LAB** **HAZNET** **S103982989**
932 KIFER **Cortese** **N/A**
SUNNYVALE, CA 94086

HAZNET:
Gepaid: CAC000985688
Contact: CORP
Telephone: 4089551060
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2713 NO FIRST ST
Mailing City,St,Zip: SAN JOSE, CA 951340000
Gen County: Santa Clara
TSD EPA ID: WAD009477175
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: .2500
Facility County: Santa Clara

Cortese:
Region: CORTESE

SCR-NCH CORP & MOHAWK LAB (Continued) **S103982989**

Facility Addr2:	Not reported

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40 **MOHAWK LABS DIV. OF NATL CHEMSEARCH**
932 KIFER RD
SUNNYVALE, CA 94086

LUST
SLIC
SSTS

1005433529
N/A

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	13267R
Funding:	COSTRE
How Discovered:	RBD
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL20201820
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	1989-07-02 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Remedial action (cleanup) Underway
Chemical:	34536, 34566
Contact Person:	Not reported
Responsible Party:	MIKE NEAR
RP Address:	2727 CHEMSEARCH BLVD
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	MS
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	MS_T,IS_I
Priority:	Not reported
Cleanup Fund Id:	Not reported

MOHAWK LABS DIV. OF NATL CHEMSEARCH (Continued) **1005433529**

Work Suspended: Not reported
Local Case #: 2020100
Case Number: 43S0223
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: This site has a LONG ways to go before closure.

SLIC:
Region: STATE
Global Id: SL20201820
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0223
Responsible Party: MIKE NEAR
Recent Dtw: Not reported
Substance Released: 34536, 34566, 34571, 41, VOC, SUB004, SUB005, SUB020
Facility Status: **Remedial Action Underway**

SLIC:
Region: 2
Facility ID: 43S0223
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RBD
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SSTS:
Product: COOLACIDE
Status: Active
Registration Number: 004140CA 001
Report Year: Not reported
Permit: Registered
Product Number: 00144800212066114
Product Type: End-use blend, formulation, or concentrate
Product Class: Algicide
Product Use: All other products
UOM: Not reported
Market: Marketed in the United States and exported out of the United States
Country: Not reported
Region: Not reported

MOHAWK LABS DIV. OF NATL CHEMSEARCH (Continued) **1005433529**

Product:	GRENADIER/LEM'N LIFT/LEMONIZE / DDS-64
Status:	Active
Registration Number:	004140CA 001
Report Year:	Not reported
Permit:	Registered
Product Number:	00176900259
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Disinfectant, germicide, sanitizer
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	AL-CHEK / MB-2128 / CB-22
Status:	Active
Registration Number:	004140CA 001
Report Year:	Not reported
Permit:	Registered
Product Number:	00176900266
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Algicide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	CHEMSEARCH CB3939/WTA-650/CB 3939 / MB-1000
Status:	Active
Registration Number:	004140CA 001
Report Year:	Not reported
Permit:	Registered
Product Number:	00683600115
Product Type:	Repackaged or relabeled
Product Class:	Algicide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	EVERBRITE/FECTANT-3/GERMA-CERT / DDS-164
Status:	Active
Registration Number:	004140CA 001
Report Year:	Not reported
Permit:	Registered
Product Number:	00176900287
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Disinfectant, germicide, sanitizer
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	MB-60B

MOHAWK LABS DIV. OF NATL CHEMSEARCH (Continued) **1005433529**

Status:	Active
Registration Number:	004140CA 001
Report Year:	1996
Permit:	Registered
Product Number:	00093500071066114
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Not reported
UOM:	P
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	COOLACIDE
Status:	Active
Registration Number:	004140CA 001
Report Year:	1996
Permit:	Registered
Product Number:	00144800212066114
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Not reported
UOM:	G
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	AL-CHEK
Status:	Active
Registration Number:	004140CA 001
Report Year:	1996
Permit:	Registered
Product Number:	00176900266
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Not reported
UOM:	G
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	MB-1000, CB3939, & CHEMSEARCH CB3939/WTA-650
Status:	Active
Registration Number:	004140CA 001
Report Year:	1996
Permit:	Registered
Product Number:	00683600115066114
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Not reported
UOM:	P
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	EVERBRITE/FECTANT-3/GERMA-CERT
Status:	Active

MOHAWK LABS DIV. OF NATL CHEMSEARCH (Continued) **1005433529**

Registration Number: 004140CA 001
Report Year: 1996
Permit: Registered
Product Number: 00176900287
Product Type: End-use blend, formulation, or concentrate
Product Class: Not reported
Product Use: Not reported
UOM: G
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: GRENADIER/LEM’N LIFT/LEMONIZE
Status: Active
Registration Number: 004140CA 001
Report Year: 1996
Permit: Registered
Product Number: 00176900259
Product Type: End-use blend, formulation, or concentrate
Product Class: Not reported
Product Use: Not reported
UOM: G
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: COOLACIDE
Status: Active
Registration Number: 004140CA 001
Report Year: 1997
Permit: Registered
Product Number: 00144800212
Product Type: End-use blend, formulation, or concentrate
Product Class: Not reported
Product Use: Not reported
UOM: G
Market: Marketed in the United States and exported out of the United States
Country: Not reported
Region: Not reported

Product: GRENADIER/LEM’N LIFT/LEMONIZE
Status: Active
Registration Number: 004140CA 001
Report Year: 1997
Permit: Registered
Product Number: 00176900259
Product Type: End-use blend, formulation, or concentrate
Product Class: Not reported
Product Use: Not reported
UOM: G
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: AL-CHEK
Status: Active
Registration Number: 004140CA 001

MOHAWK LABS DIV. OF NATL CHEMSEARCH (Continued) **1005433529**

Report Year:	1997
Permit:	Registered
Product Number:	00176900266
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Not reported
UOM:	G
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	EVERBRITE/FECTANT-3/GERMA-CERT
Status:	Active
Registration Number:	004140CA 001
Report Year:	1997
Permit:	Registered
Product Number:	00176900287
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Not reported
UOM:	G
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

Product:	CHEMSEARCH CB3939/WTA-650/CB 3939
Status:	Active
Registration Number:	004140CA 001
Report Year:	1997
Permit:	Registered
Product Number:	00683600115
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Not reported
UOM:	P
Market:	Marketed in the United States
Country:	Not reported
Region:	Not reported

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40 **TOP QUALITY FOODS** **LUST** **S107997043**
917 KIFER RD **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W30Q01f
Closed Date:	10/2/1995
Lop Number:	Not reported

40
TOP QUALITY FOODS
917 KIFER RD
SUNNYVALE, CA 94086

LUST
Cortese
HIST LUST

S105036576
N/A

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501449
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1995-10-02 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1986-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Diesel
Contact Person:	Not reported
Responsible Party:	Lloyd Oshiro
RP Address:	917 Kifer Rd.
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	ZSC
Staff Initials:	CT
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W30Q01f
Case Number:	Not reported

TOP QUALITY FOODS (Continued) **S105036576**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W30Q01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:

Region: CORTESE
Facility Addr2: 917 KIFER RD

HIST LUST:

Region: SANTA CLARA
SCVWD ID: 06S1W30Q01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1987-01-01 00:00:00
Closed Date: 1995-10-02 00:00:00

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41 **NATIONAL SEMICONDUCTOR CORPORATION, SANTA CLARA** **LUST** **S100833417**
2900 SEMICONDUCTOR DRIVE **CA BOND EXP. PLAN** **N/A**
SANTA CLARA, CA 95050 **SLIC**

LUST:

Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: LET
Funding: COSTRE
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL720841216
Stop Date: Not reported
Confirm Leak: 2005-06-15 00:00:00

NATIONAL SEMICONDUCTOR CORPORATION, SANTA CLARA (Continued) **S100833417**

Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	2002-07-02 00:00:00
Monitoring:	Not reported
Close Date:	2005-06-14 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Leak being confirmed
Chemical:	34506, 34030
Contact Person:	Not reported
Responsible Party:	RICHARD BANKS
RP Address:	PO BOX 58090
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	MS
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	7208400
Case Number:	43S0084
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

CA BOND EXP. PLAN:

Reponsible Party:	NPL SITE CLEANUP WORKPLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported

NATIONAL SEMICONDUCTOR CORPORATION, SANTA CLARA (Continued) **S100833417**

Project Revenue Source Desc:	National Semiconductor Corporation, the responsible party, is in compliance with an order issued by the RWQCB. DHS has budgeted $50,000 for development, review and approval of a RAP and will seek to recover all actual costs from the responsible party.
Site Description:	National Semiconductor Corporation operates an electronics manufacturing facility at this 50-acre site. Chemicals used in the manufacturing process and wastes generated from this process are handled and stored onsite. The site is located adjacent toresidential, industrial and commercial development.
Hazardous Waste Desc:	A subsurface investigation initiated in 1982 revealed significant contamination of soil and ground water. Soil and ground water are contaminated with trichloroethane (TCA), trichloroethylene (TCE), vinyl chloride, dichloroethylene (DCE), methanol, xylene, benzene and acetone. The sources of contamination were leaking underground tanks.
Threat To Public Health & Env:	A ground water contaminant plume has migrated offsite. The plume is approximately 5000 feet long and 50 feet deep. About 300,000 people live within 3 miles of the site and depend on ground water as a source of drinking water.
Site Activity Status:	An investigation to further define the offsite ground water contaminant plume is continuing. Initial remedial measures undertaken include the installation and operation of 19 extraction wells. Initial remedial measures, consisting of soil removal and onsite ground water extraction, have been ongoing since 1982. The RWQCB issued new cleanup requirements for this facility in March, 1988. Along with continuing the remedial investigation, this order requires National Semiconductor to complete installation of an offsite ground water containment system by August, 1989.

SLIC:

Region:	STATE
Global Id:	SL720841216
Assigned Name:	SLICSITE
Lead Agency Contact:	MAX SHAHBAZIAN
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	43S0084
Responsible Party:	RICHARD BANKS
Recent Dtw:	Not reported
Substance Released:	34506, 34030, 81551, SUB031
Facility Status:	**Case Open**

SLIC:

Region:	2
Facility ID:	43S0084
Facility Status:	Remedial action (cleanup) Underway
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

42 **SUNNYVALE**
211 W IOWA AVE
SUNNYVALE, CA 94086

HIST UST **U001594913**
ENVIROSTOR **N/A**

HIST UST:

Region:	STATE
Facility ID:	00000021221
Tank Num:	001
Container Num:	2526
Year Installed:	1979
Tank Capacity:	00000000
Facility Type:	Other
Other Type:	RETAIL DEPT. STORE
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	KEVIN HYNES
Telephone:	4087377700
Owner Name:	MONTGOMERY WARD
Owner Address:	ONE MONTGOMERY WARD PLAZA
Owner City,St,Zip:	CHICAGO, IL 94086

ENVIROSTOR:

Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Donn Diebert
Division Branch:	OMF - No (Sacramento)
Facility ID:	80001039
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Inactive - Needs Evaluation**
Status Date:	2005-07-01 00:00:00
Restricted Use:	NO
Funding:	DERA
Latitude:	37.3769444444444
Longitude:	-122.040555555556
Alias Name:	J09CA7055 CA99799F863700 80001039
Alias Type:	INPR Calsites ID Number FFID
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Confirmed:	NONE SPECIFIED

SUNNYVALE (Continued) **U001594913**

Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	30011
Potenital Description:	Explosives (UXO, MEC)
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

43
SCR-ROYAL AUTO BODY AND T
150 WOLFE
SUNNYVALE, CA 94086
Cortese **S105026833**
N/A

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

43
PHILIPS SEMICONDUCTORS, INC.
730 EVELYN
SUNNYVALE, CA 94088

FINDS
HAZNET
LUST
Cortese
RCRA-LQG
RCRA-TSDF
SLIC
CERC-NFRAP
CLEANERS

1000880995
CAT000614073

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAT000614073

PHILIPS SEMICONDUCTORS, INC. (Continued) **1000880995**

Contact: GLEN TSUKAMOTO/ENV MANAGER
Telephone: 4089914129
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Organic solids with halogens
Disposal Method: Not reported
Tons: 3.3
Facility County: Not reported

Gepaid: CAT000614073
Contact: PHILIPS SEMICONDUCTORS
Telephone: 4089912000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Solids or sludges with halogenated organic compounds > 1000mg/kg
Disposal Method: Transfer Station
Tons: 2.4500
Facility County: Santa Clara

Gepaid: CAT000614073
Contact: PHILIPS SEMICONDUCTORS
Telephone: 4089912000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: AZD982441263
TSD County: 99
Waste Category: Organic solids with halogens
Disposal Method: Treatment, Incineration
Tons: 4.55
Facility County: Santa Clara

Gepaid: CAT000614073
Contact: GLEN TSUKAMOTO/ENV MANAGER
Telephone: 4089914129
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 811 E ARQUES AVE MS 39
Mailing City,St,Zip: SUNNYVALE, CA 940883409
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Organic solids with halogens
Disposal Method: Not reported
Tons: 1.80

PHILIPS SEMICONDUCTORS, INC. (Continued) **1000880995**

Facility County:	Not reported
Gepaid:	CAT000614073
Contact:	PHILIPS SEMICONDUCTORS
Telephone:	4089912000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	811 E ARQUES AVE MS 39
Mailing City,St,Zip:	SUNNYVALE, CA 940883409
Gen County:	Santa Clara
TSD EPA ID:	WAD009477175
TSD County:	99
Waste Category:	Organic solids with halogens
Disposal Method:	Recycler
Tons:	3.1500
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	LET
Funding:	COSTRE
How Discovered:	RBD
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL18347767
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	1988-07-02 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	1997-02-01 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Remedial action (cleanup) Underway
Chemical:	SUB031
Contact Person:	Not reported
Responsible Party:	WESLEY HAWTHORNE

PHILIPS SEMICONDUCTORS, INC. (Continued) **1000880995**

RP Address: 299 FAIRCHILD DR.
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MS
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MS_T,IS_I
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1834700
Case Number: 43S0111
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Cortese:
Region: CORTESE
Facility Addr2: Not reported

RCRAInfo:
Owner: SIGNETICS CORP
(408) 739-7700
EPA ID: CAT000614073

Contact: Not reported

Classification: Large Quantity Generator, TSDF
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D040	4550.00	F001	4550.00

Violation Status: No violations found

SLIC:
Region: STATE
Global Id: SL18347767
Assigned Name: SLICSITE
Lead Agency Contact: MAX SHAHBAZIAN
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0111
Responsible Party: Not reported

PHILIPS SEMICONDUCTORS, INC. (Continued) **1000880995**

Recent Dtw: Not reported
Substance Released: SUB031
Facility Status: Not reported

SLIC:
Region: 2
Facility ID: 43S0111
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RBD
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CERC-NFRAP:
Site ID: 0902636
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMindes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1986
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 10/01/1987
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 10/01/1987

PHILIPS SEMICONDUCTORS, INC. (Continued) **1000880995**

Priority Level:	Not reported

CLEANERS:

EPA Id:	CAT000614073
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/23/1982
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	2
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR M/S SJ-55
Contact Address 2:	Not reported
Contact Telephone:	4084746129

EPA Id:	CAT000614073
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7212
SIC Description:	Garment Pressing, and Agents for Laundries and Drycleaners
Create Date:	07/23/1982
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1109 MCKAY DR
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	951310000
Region Code:	2
Owner Name:	PHILIPS SEMICONDUCTORS
Owner Address:	1109 MCKAY DR
Owner Address 2:	Not reported
Owner Telephone:	4084746129
Contact Name:	GLEN TSUKAMOTO/ENV MANAGER
Contact Address:	1109 MCKAY DR M/S SJ-55
Contact Address 2:	Not reported
Contact Telephone:	4084746129

EPA Id:	CAT000614073
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7216
SIC Description:	Drycleaning Plants, Except Rug Cleaning
Create Date:	07/23/1982

PHILIPS SEMICONDUCTORS, INC. (Continued) **1000880995**

Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1109 MCKAY DR
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 951310000
Region Code: 2
Owner Name: PHILIPS SEMICONDUCTORS
Owner Address: 1109 MCKAY DR
Owner Address 2: Not reported
Owner Telephone: 4084746129
Contact Name: GLEN TSUKAMOTO/ENV MANAGER
Contact Address: 1109 MCKAY DR M/S SJ-55
Contact Address 2: Not reported
Contact Telephone: 4084746129

EPA Id: CAT000614073
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7219
SIC Description: Laundry and Garment Services, NEC (except diaper service and clothing alteration and repair)
Create Date: 07/23/1982
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1109 MCKAY DR
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 951310000
Region Code: 2
Owner Name: PHILIPS SEMICONDUCTORS
Owner Address: 1109 MCKAY DR
Owner Address 2: Not reported
Owner Telephone: 4084746129
Contact Name: GLEN TSUKAMOTO/ENV MANAGER
Contact Address: 1109 MCKAY DR M/S SJ-55
Contact Address 2: Not reported
Contact Telephone: 4084746129

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43 **SIGNETICS EVELYN** **SLIC** **S105194811**
730 EVELYN AVE **N/A**
SUNNYVALE, CA 94086

SLIC:
Region: 2
Facility ID: 43-1931
Facility Status: Pollution Characterization
Date Closed: Not reported
Local Case #: 43-1931
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported

SIGNETICS EVELYN (Continued) **S105194811**

Date Pollution Characterization Began: 4/15/1987
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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43 **BEACON** **Cortese** **S104161824**
848 EVELYN AVE E **N/A**
SUNNYVALE, CA 94086

Cortese:
Region: CORTESE
Facility Addr2: 848 EVELYN AVE E

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43 **BEACON STATION #543** **HIST UST** **U001594878**
848 E EVELYN AVE **N/A**
SUNNYVALE, CA 94086

HIST UST:
Region: STATE
Facility ID: 00000038855
Tank Num: 001
Container Num: #543-2
Year Installed: 1964
Tank Capacity: 00008000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: .025 inches
Leak Detection: Vapor Sniff Well, Sensor Instrument, Groundwater Monitoring Well
Contact Name: JOHN TEMPLETON
Telephone: 2095820241
Owner Name: BEACON OIL COMPANY
Owner Address: 525 W. THIRD STREET
Owner City,St,Zip: HANFORD, CA 93230

Region: STATE
Facility ID: 00000038855
Tank Num: 002
Container Num: #543-3
Year Installed: 1964
Tank Capacity: 00010000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: .025 inches
Leak Detection: Vapor Sniff Well, Sensor Instrument, Groundwater Monitoring Well
Contact Name: JOHN TEMPLETON
Telephone: 2095820241
Owner Name: BEACON OIL COMPANY

BEACON STATION #543 (Continued) **U001594878**

Owner Address:	525 W. THIRD STREET
Owner City,St,Zip:	HANFORD, CA 93230
Region:	STATE
Facility ID:	00000038855
Tank Num:	003
Container Num:	543-4
Year Installed:	1964
Tank Capacity:	00008000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Tank Construction:	.025 inches
Leak Detection:	Vapor Sniff Well, Sensor Instrument, Groundwater Monitoring Well
Contact Name:	JOHN TEMPLETON
Telephone:	2095820241
Owner Name:	BEACON OIL COMPANY
Owner Address:	525 W. THIRD STREET
Owner City,St,Zip:	HANFORD, CA 93230

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43 **BEACON #543** **LUST** **S103880751**
848 E EVELYN AVE **HIST LUST** **N/A**
SUNNYVALE, CA 94086

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	WAR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500228
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1984-04-19 00:00:00
Pollution Char:	1984-06-01 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1984-07-11 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2004-08-31 00:00:00
GW Qualifier:	=
Soil Qualifier:	Not reported
Max MTBE GW ppb:	50
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported

BEACON #543 (Continued) **S103880751**

Reg Board:	San Francisco Bay Region
Status:	Pollution Characterization
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	and Fuk Kwan Sit
RP Address:	685 W Third Street
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	C
MTBE Conc:	2
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	LL
Lead Agency:	Local Agency
Local Agency:	43000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W31C01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Pollution Characterization
Facility Id:	Not reported
Case Number:	06S1W31C01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	4/19/1984
Pollution Characterization Began:	6/1/1984
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W31C01f
Closed Date:	Not reported
Lop Number:	02-011

BEACON #543 (Continued) **S103880751**

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W31C01
Region Code:	2
Oversite Agency:	SCCDEH
Date Listed:	1985-01-01 00:00:00
Closed Date:	Not reported

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43 **PINE CONE LUMBER** **SWEEPS UST** **U003879776**
895 E EVELYN AVE **N/A**
SUNNYVALE, CA 94086

SWEEPS UST:

Status:	A
Comp Number:	2447
Number:	9
Board Of Equalization:	Not reported
Ref Date:	07-31-90
Act Date:	07-31-90
Created Date:	07-31-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002447-244703
Actv Date:	12-05-90
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	2

Status:	A
Comp Number:	2447
Number:	9
Board Of Equalization:	Not reported
Ref Date:	07-31-90
Act Date:	07-31-90
Created Date:	07-31-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002447-244704
Actv Date:	12-05-90
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	UNK
Number Of Tanks:	Not reported

43	**PINE CONE LUMBER** **895 E EVELYN AVE** **SUNNYVALE, CA 94086**	**CA FID UST**	**S101594642** **N/A**

CA FID UST:

Facility ID:	43012227
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087365491
Mail To:	Not reported
Mailing Address:	895 E EVELYN AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

43	**UVP, INC** **825 E EVELYN AVE** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS**	**1000138241** **CAD981448632**

RCRAInfo:

Owner:	PAUL WARREN (415) 555-1212
EPA ID:	CAD981448632
Contact:	ENVIRONMENTAL MANAGER (408) 245-4111
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

43 **HNL INC** **RCRA-SQG** **1000119326**
824 E EVELYN AVE **FINDS** **CAD982006819**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	HNL INC & KEN DANIELS (415) 555-1212
EPA ID:	CAD982006819
Contact:	ENVIRONMENTAL MANAGER (408) 738-3330
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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43 **UVP INCORPORATED** **RCRA-SQG** **1000119328**
825 E EVELYN AVE **CAD982023673**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	PAUL WARREN (415) 555-1212
EPA ID:	CAD982023673
Contact:	ENVIRONMENTAL MANAGER (408) 245-4111
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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43 **AMERICAN PEPTIDE COMPANY, INC.** **FINDS** **1000595256**
777 E EVELYN AVE **HAZNET** **CAD983591751**
SUNNYVALE, CA 94086 **RCRA-LQG**

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AMERICAN PEPTIDE COMPANY, INC. (Continued) **1000595256**

HAZNET:

Gepaid: CAD983591751
Contact: ITOHAM USA
Telephone: 5108870882
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 777 E EVELYN AVE
Mailing City,St,Zip: SUNNYVALE, CA 940866527
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: 24.0789
Facility County: Santa Clara

Gepaid: CAD983591751
Contact: ITOHAM USA
Telephone: 5108870882
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 777 E EVELYN AVE
Mailing City,St,Zip: SUNNYVALE, CA 940866527
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 1.9983
Facility County: Santa Clara

Gepaid: CAD983591751
Contact: ITOHAM USA
Telephone: 5108870882
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 777 E EVELYN AVE
Mailing City,St,Zip: SUNNYVALE, CA 940866527
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: .6250
Facility County: Santa Clara

Gepaid: CAD983591751
Contact: ITOHAM USA
Telephone: 5108870882
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 777 E EVELYN AVE
Mailing City,St,Zip: SUNNYVALE, CA 940866527
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other inorganic solid waste

AMERICAN PEPTIDE COMPANY, INC. (Continued) **1000595256**

Disposal Method: Treatment, Incineration
Tons: .1250
Facility County: Santa Clara

Gepaid: CAD983591751
Contact: ITOHAM USA
Telephone: 5108870882
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 777 E EVELYN AVE
Mailing City,St,Zip: SUNNYVALE, CA 940866527
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Not reported
Tons: .1700
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
59 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD983591751

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	183360.00	D002	183360.00
D038	183360.00	F002	183360.00
F003	183360.00		

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 02/17/2004
Actual Date Achieved Compliance: 03/15/2004

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/17/2004
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20040315

43 **SIGNETICS CORP**
290 WOLFE
SUNNYVALE, CA 94086

RCRA-SQG **1000314214**
FINDS **CAT000614149**

RCRAInfo:

Owner: JUSTIN M. JACOBS JR.
(408) 732-7782
EPA ID: CAT000614149

Contact: ENVIRONMENTAL MANAGER
(408) 739-7700

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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43 **T-M MANUFACTURING CO#**
305 BRITTON AVE
SUNNYVALE, CA 94086

RCRA-SQG **1000123489**
FINDS **CAD049975626**
HAZNET

RCRAInfo:

Owner: T-M MFG CO
(415) 555-1212
EPA ID: CAD049975626

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD049975626
Contact: T-M MFG CO
Telephone: 0000000000

T-M MANUFACTURING CO# (Continued) **1000123489**

Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	305 BRITTON AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Disposal, Other
Tons:	.6255
Facility County:	Santa Clara

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43 **INDEPENDANT ELECTRIC SUPPLY** **CA FID UST** **S101594645**
755 E EVELYN **SWEEPS UST** **N/A**
SUNNYVALE, CA 94086

CA FID UST:

Facility ID:	43012230
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087327101
Mail To:	Not reported
Mailing Address:	755 E EVELYN
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	A
Comp Number:	3780
Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-30-90
Act Date:	07-30-90
Created Date:	07-30-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-003780-378001
Actv Date:	12-05-90
Capacity:	2000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	1

43	**INDEPENDENT ELECTRIC SUPPLY** **755 EAST EVELYN AVENUE** **SUNNYVALE, CA 94086**	**LUST**	**S107138419** **N/A**

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	LOPF
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	UNK
Leak Source:	UNK
Global Id:	T0608555983
Stop Date:	Not reported
Confirm Leak:	2005-06-29 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2005-06-29 00:00:00
Discover Date:	1997-11-25 00:00:00
Enforcement Dt:	Not reported
Release Date:	2005-04-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	MS SUSAN WALKER
RP Address:	P.O. BOX 1263
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff:	BGS
Staff Initials:	LD
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W31C06f
Case Number:	Not reported

INDEPENDENT ELECTRIC SUPPLY (Continued) **S107138419**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

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43 **FAB 14**
730 E EVELYN AVE
SUNNYVALE, CA 94088

HIST UST **U001594994**
N/A

HIST UST:

Region: STATE
Facility ID: 00000003338
Tank Num: 001
Container Num: 1
Year Installed: 1978
Tank Capacity: 00000000
Facility Type: Other
Other Type: SIMICONDUCTOR
Total Tanks: 0004
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: DON DECARLI
Telephone: 4087397700
Owner Name: SIGNETICS CORPORATION
Owner Address: 811 E ARQUES AVENUE
Owner City,St,Zip: SUNNYVALE, CA 94088

Region: STATE
Facility ID: 00000003338
Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Facility Type: Other
Other Type: SIMICONDUCTOR
Total Tanks: 0004
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 8 inches
Leak Detection: None
Contact Name: DON DECARLI
Telephone: 4087397700
Owner Name: SIGNETICS CORPORATION
Owner Address: 811 E ARQUES AVENUE
Owner City,St,Zip: SUNNYVALE, CA 94088

Region: STATE
Facility ID: 00000003338
Tank Num: 003
Container Num: 3
Year Installed: 1983

FAB 14 (Continued) **U001594994**

Tank Capacity:	00004500
Facility Type:	Other
Other Type:	SIMICONDUCTOR
Total Tanks:	0004
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	3/16 inches
Leak Detection:	Visual
Contact Name:	DON DECARLI
Telephone:	4087397700
Owner Name:	SIGNETICS CORPORATION
Owner Address:	811 E ARQUES AVENUE
Owner City,St,Zip:	SUNNYVALE, CA 94088

Region:	STATE
Facility ID:	00000003338
Tank Num:	004
Container Num:	4
Year Installed:	1983
Tank Capacity:	00002000
Facility Type:	Other
Other Type:	SIMICONDUCTOR
Total Tanks:	0004
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	3/16 inches
Leak Detection:	Vapor Sniff Well
Contact Name:	DON DECARLI
Telephone:	4087397700
Owner Name:	SIGNETICS CORPORATION
Owner Address:	811 E ARQUES AVENUE
Owner City,St,Zip:	SUNNYVALE, CA 94088

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43 **STEWART WARNER MICROCIRCUITS** **ENVIROSTOR** **S101482334**
730 EAST EVELYN AVE. **N/A**
SUNNYVALE, CA 94086

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360010
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1981-07-30 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3705555555556
Longitude:	-122.014722222222

STEWART WARNER MICROCIRCUITS (Continued) **S101482334**

Alias Name:	SIGNETICS CORP. 43360010
Alias Type:	Alternate Name Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	FACILITY IDENTIFIED INACTIVE SITE RWQCB
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1981-06-01 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	10003, 10067
Potenital Description:	* HALOGENATED SOLVENTS
Potenital Description:	* OXYGENATED SOLVENTS
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

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43 **POWELL ELECTRONICS INC**
722 E EVELYN AVE
SUNNYVALE, CA 94086

RCRA-SQG **1000204985**
FINDS **CAD052971207**

RCRAInfo:

Owner:	JOHN SAICHS (415) 555-1212
EPA ID:	CAD052971207
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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43 **CUPERTINO ELECTRIC INC.** **HIST LUST** **S103880752**
712 E EVELYN AVE **N/A**
SUNNYVALE, CA

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W31C02
Region Code:	2
Oversite Agency:	SFRWQCB
Date Listed:	1986-01-01 00:00:00
Closed Date:	1996-12-13 00:00:00

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43 **CUPERTINO ELECTRIC** **HAZNET** **S100933442**
712 EVELYN AVE E **LUST** **N/A**
SUNNYVALE, CA 94086 **Cortese**

HAZNET:

Gepaid:	CAL000013768
Contact:	RAVIZZA EUGENE
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	714 E EVELYN AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940866526
Gen County:	Santa Clara
TSD EPA ID:	AZD982441263
TSD County:	99
Waste Category:	Organic solids with halogens
Disposal Method:	Treatment, Incineration
Tons:	.5250
Facility County:	Santa Clara

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Federal
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Structure Failure
Leak Source:	Tank
Global Id:	T0608500479
Stop Date:	1984-10-29 00:00:00
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1986-01-20 00:00:00
Pollution Char:	1989-07-05 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1996-12-13 00:00:00
Discover Date:	1984-10-29 00:00:00
Enforcement Dt:	Not reported
Release Date:	1984-10-29 00:00:00
Review Date:	1997-04-24 00:00:00
Enter Date:	1984-11-09 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported

CUPERTINO ELECTRIC (Continued) **S100933442**

Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MEJ
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 06S1W31C02
Case Number: 43-0429
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Vent Soil - bore holes in soil to allow volatilization of contaminants
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 4/24/97 CONTROL NO 120-140 SRC 0904790

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: 43-0429
Case Number: 06S1W31C02
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/20/1986
Pollution Characterization Began: 7/5/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CUPERTINO ELECTRIC (Continued) **S100933442**

Cortese:
Region: CORTESE
Facility Addr2: 712 EVELYN AVE E

Map ID	Site	Database(s)	EDR ID Number EPA ID Number
43	**ROADRUNNER AUTOMOTIVE** **711 EVELYN AVE E** **SUNNYVALE, CA**	**Cortese**	**S101309516** **N/A**

Cortese:
Region: CORTESE
Facility Addr2: 711 EVELYN AVE E

Map ID	Site	Database(s)	EDR ID Number EPA ID Number
43	**ST JUDE MEDICAL CRM DIV** **709 E EVELYN AVE** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **NY MANIFEST**	**1000455708** **CAD982493587**

RCRAInfo:
Owner: ST JUDE MEDICAL CRM DIV
(818) 362-6822
EPA ID: CAD982493587

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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NY MANIFEST:
Document ID: NYB7800471
Manifest Status: C
Trans1 State ID: 11283PNY
Trans2 State ID: Not reported
Generator Ship Date: 960213
Trans1 Recv Date: 960213
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960226
Part A Recv Date: 960227
Part B Recv Date: 960306
Generator EPA ID: CAD982493587
Trans1 EPA ID: NYD980769947

ST JUDE MEDICAL CRM DIV (Continued) **1000455708**

Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00060
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 96
Facility Type: Generator
EPA ID: CAD982493587
Facility Name: VENTRITEX INC
Facility Address: 709 E EVELYN AVE
Facility City: SUNNYVALE
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: VENTRITEX INC
Mailing Contact: BRADLEY LANGOWSKI
Mailing Address: 709 E EVELYN AVE
Mailing City: SUNNYVALE
Mailing State: CA
Mailing Zip: 94086
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 408-738-4883

Document ID: NYB5861538
Manifest Status: K
Trans1 State ID: 11341PNY
Trans2 State ID: Not reported
Generator Ship Date: 940323
Trans1 Recv Date: 940323
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940404
Part A Recv Date: 940401
Part B Recv Date: 940418
Generator EPA ID: CAD982493587
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00135
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 94
Facility Type: Generator
EPA ID: CAD982493587
Facility Name: VENTRITEX INC
Facility Address: 709 E EVELYN AVE
Facility City: SUNNYVALE
Facility Zip 4: Not reported
Country: Not reported

ST JUDE MEDICAL CRM DIV (Continued) **1000455708**

County: Not reported
Mailing Name: VENTRITEX INC
Mailing Contact: BRADLEY LANGOWSKI
Mailing Address: 709 E EVELYN AVE
Mailing City: SUNNYVALE
Mailing State: CA
Mailing Zip: 94086
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 408-738-4883

Document ID: NYB5862663
Manifest Status: K
Trans1 State ID: 11588PNY
Trans2 State ID: Not reported
Generator Ship Date: 940202
Trans1 Recv Date: 940202
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940217
Part A Recv Date: 940210
Part B Recv Date: 940302
Generator EPA ID: CAD982493587
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00060
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 94
Facility Type: Generator
EPA ID: CAD982493587
Facility Name: VENTRITEX INC
Facility Address: 709 E EVELYN AVE
Facility City: SUNNYVALE
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: VENTRITEX INC
Mailing Contact: BRADLEY LANGOWSKI
Mailing Address: 709 E EVELYN AVE
Mailing City: SUNNYVALE
Mailing State: CA
Mailing Zip: 94086
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 408-738-4883

Document ID: NYB5861547
Manifest Status: K
Trans1 State ID: 12073PNY
Trans2 State ID: 12075PNY
Generator Ship Date: 940829
Trans1 Recv Date: 940829

ST JUDE MEDICAL CRM DIV (Continued) **1000455708**

Trans2 Recv Date: 940901
TSD Site Recv Date: 940915
Part A Recv Date: 940909
Part B Recv Date: 940926
Generator EPA ID: CAD982493587
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: NYD980769947
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00050
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 94
Facility Type: Generator
EPA ID: CAD982493587
Facility Name: VENTRITEX INC
Facility Address: 709 E EVELYN AVE
Facility City: SUNNYVALE
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: VENTRITEX INC
Mailing Contact: BRADLEY LANGOWSKI
Mailing Address: 709 E EVELYN AVE
Mailing City: SUNNYVALE
Mailing State: CA
Mailing Zip: 94086
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 408-738-4883

Document ID: NYB5861556
Manifest Status: C
Trans1 State ID: 11341PNY
Trans2 State ID: Not reported
Generator Ship Date: 950317
Trans1 Recv Date: 950317
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950330
Part A Recv Date: 950324
Part B Recv Date: 950411
Generator EPA ID: CAD982493587
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00120
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 95
Facility Type: Generator

ST JUDE MEDICAL CRM DIV (Continued) **1000455708**

EPA ID:	CAD982493587
Facility Name:	VENTRITEX INC
Facility Address:	709 E EVELYN AVE
Facility City:	SUNNYVALE
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	VENTRITEX INC
Mailing Contact:	BRADLEY LANGOWSKI
Mailing Address:	709 E EVELYN AVE
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	94086
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	408-738-4883

Document ID:	NYB7800489
Manifest Status:	C
Trans1 State ID:	11340PNY
Trans2 State ID:	Not reported
Generator Ship Date:	951025
Trans1 Recv Date:	951025
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951106
Part A Recv Date:	951106
Part B Recv Date:	951114
Generator EPA ID:	CAD982493587
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	95
Facility Type:	Generator
EPA ID:	CAD982493587
Facility Name:	VENTRITEX INC
Facility Address:	709 E EVELYN AVE
Facility City:	SUNNYVALE
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	VENTRITEX INC
Mailing Contact:	BRADLEY LANGOWSKI
Mailing Address:	709 E EVELYN AVE
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	94086
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	408-738-4883

43	**ST JUDE MEDICAL CRMD** **705 E EVELYN AVE** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **HAZNET**	**1001815625** **CAR000058123**

RCRAInfo:

Owner:	PACESETTER INC (818) 362-6822
EPA ID:	CAR000058123
Contact:	SHERRIE WALTERS (818) 493-3228
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAR000058123
Contact:	BILL EVERARD FA
Telephone:	4087384883
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	701 E EVELYN AVENUE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Other
Tons:	0.02
Facility County:	Not reported

Gepaid:	CAR000058123
Contact:	PACESETTER INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	15900 VALLEY VIEW CT
Mailing City,St,Zip:	SYLMAR, CA 913240000
Gen County:	Santa Clara
TSD EPA ID:	CAT080033681
TSD County:	Los Angeles
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler

ST JUDE MEDICAL CRMD (Continued) **1001815625**

Tons: 0.15
Facility County: Santa Clara

Gepaid: CAR000058123
Contact: BILL EVERARD FA
Telephone: 4087384883
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 E EVELYN AVENUE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: Disposal, Other
Tons: 0.01
Facility County: Not reported

Gepaid: CAR000058123
Contact: BILL EVERARD FA
Telephone: 4087384883
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 E EVELYN AVENUE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Tons: 0.07
Facility County: Not reported

Gepaid: CAR000058123
Contact: BILL EVERARD FA
Telephone: 4087384883
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 E EVELYN AVENUE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Disposal, Other
Tons: 0.01
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

43 **ST JUDE MEDICAL CRM DIVISION** **EMI** **S106921480**
705 E EVELYN AVENUE **N/A**
SUNNYVALE, CA 94086

EMI:

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11921
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11921
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.012
Reactive Organic Gases Tons/Yr:	0.0048
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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43 **VENTRITEX** **EMI** **S106842110**
701 E EVELYN AVENUE **N/A**
SUNNYVALE, CA 94086

EMI:

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5637
Air District Name:	BA
SIC Code:	3841
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

VENTRITEX (Continued) **S106842110**

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5637
Air District Name:	BA
SIC Code:	3841
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5637
Air District Name:	BA
SIC Code:	3841
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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43 **REMEL INC** **RCRA-SQG** **1008372100**
160 S WOLFE RD **CAR000162818**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	REMEL INC
EPA ID:	CAR000162818
Contact:	RAY CHAN 408-328-6081
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

44 CHEVRON #97606 **UST** **U003981933**
296 N FAIROAKS AVE **SWEEPS UST** **N/A**
SUNNYVALE, CA 94085

UST:
Region: STATE
Local Agency: Sunnyvale, Santa Clara County
Facility ID: 43-007-431227

SWEEPS UST:
Status: A
Comp Number: 1227
Number: 3
Board Of Equalization: Not reported
Ref Date: 10-11-93
Act Date: 10-11-93
Created Date: 10-11-93
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-001227-122705
Actv Date: 10-11-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 1227
Number: 3
Board Of Equalization: Not reported
Ref Date: 10-11-93
Act Date: 10-11-93
Created Date: 10-11-93
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-001227-122706
Actv Date: 10-11-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 1227
Number: 3
Board Of Equalization: Not reported
Ref Date: 10-11-93
Act Date: 10-11-93
Created Date: 10-11-93
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-001227-122707
Actv Date: 10-11-93
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PLUS UNLEADED

CHEVRON #97606 (Continued) **U003981933**

Number Of Tanks: Not reported

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44 **CHEVRON #9-7606** **LUST** **S101594579**
296 N FAIROAKS AVE **CA FID UST** **N/A**
SUNNYVALE, CA 94086

LUST:

Region:	2
Facility Status:	Preliminary site assessment underway
Facility Id:	Not reported
Case Number:	06S1W30L01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	10/17/1992
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CA FID UST:

Facility ID:	43008523
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087388926
Mail To:	Not reported
Mailing Address:	2 ANNABEL LN
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

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44 **CHEVRON STATION NO 97606** **RCRA-SQG** **1006805020**
296 N FAIROAKS AVE **FINDS** **CAR000119859**
SUNNYVALE, CA 94086

CHEVRON STATION NO 97606 (Continued) **1006805020**

RCRAInfo:

Owner:	CHEVRON PRODUCTS CO (925) 842-5931
EPA ID:	CAR000119859
Contact:	KATHY NORRIS (925) 842-5931
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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44 **97606**
296 N FAIROAKS AVE
SUNNYVALE, CA 94086

HIST UST **U001594872**
N/A

HIST UST:

Region:	STATE
Facility ID:	00000063012
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00002000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Contact Name:	SALTANI, TAGHI
Telephone:	4087366445
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

Region:	STATE
Facility ID:	00000063012
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00005000

97606 (Continued) **U001594872**

Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000250 unknown
Leak Detection: Stock Inventor
Contact Name: SALTANI, TAGHI
Telephone: 4087366445
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105

Region: STATE
Facility ID: 00000063012
Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00005000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000250 unknown
Leak Detection: Stock Inventor
Contact Name: SALTANI, TAGHI
Telephone: 4087366445
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105

Region: STATE
Facility ID: 00000063012
Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00000550
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 0000250 unknown
Leak Detection: Stock Inventor
Contact Name: SALTANI, TAGHI
Telephone: 4087366445
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105

45	**EXXON SERVICE STATION NO 7-3925** **604 S FAIROAKS RD/REED** **SUNNYVALE, CA 94086**	**FINDS** **LUST** **RCRA-LQG** **HIST UST** **HIST LUST**	**1000337879** **CAD981411630**

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: NOR
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608500583
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1987-02-09 00:00:00
Pollution Char: 1989-05-08 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 1991-01-22 00:00:00
Close Date: 1995-05-04 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1987-02-09 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: 0
Contact Person: Not reported
Responsible Party: Yvonne Jacobson
RP Address: 26715 Birch Hill Way
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *

EXXON SERVICE STATION NO 7-3925 (Continued) **1000337879**

MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZSC
Staff Initials: AS
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W31E02f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W31E02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 2/9/1987
Pollution Characterization Began: 5/8/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/22/1991

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981411630

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

EXXON SERVICE STATION NO 7-3925 (Continued) **1000337879**

Violation Status: No violations found

HIST UST:

Region:	STATE
Facility ID:	00000024001
Tank Num:	001
Container Num:	1
Year Installed:	1966
Tank Capacity:	00008000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Contact Name:	LELAND WALKER
Telephone:	4087322850
Owner Name:	EXXON COMPANY U.S.A.
Owner Address:	16945 NORTHCHASE BLVD
Owner City,St,Zip:	HOUSTON, TX 77210

Region:	STATE
Facility ID:	00000024001
Tank Num:	002
Container Num:	2
Year Installed:	1966
Tank Capacity:	00008000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Contact Name:	LELAND WALKER
Telephone:	4087322850
Owner Name:	EXXON COMPANY U.S.A.
Owner Address:	16945 NORTHCHASE BLVD
Owner City,St,Zip:	HOUSTON, TX 77210

Region:	STATE
Facility ID:	00000024001
Tank Num:	003
Container Num:	3
Year Installed:	1966
Tank Capacity:	00008000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Contact Name:	LELAND WALKER
Telephone:	4087322850
Owner Name:	EXXON COMPANY U.S.A.

EXXON SERVICE STATION NO 7-3925 (Continued) **1000337879**

Owner Address: 16945 NORTHCHASE BLVD
Owner City,St,Zip: HOUSTON, TX 77210

Region: STATE
Facility ID: 00000024001
Tank Num: 004
Container Num: 4
Year Installed: 1966
Tank Capacity: 00000550
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: LELAND WALKER
Telephone: 4087322850
Owner Name: EXXON COMPANY U.S.A.
Owner Address: 16945 NORTHCHASE BLVD
Owner City,St,Zip: HOUSTON, TX 77210

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W31E02
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1988-01-01 00:00:00
Closed Date: 1995-05-04 00:00:00

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45 **EXXON** **Cortese** **S104397048**
604 FAIR OAKS AVE S **N/A**
SUNNYVALE, CA 94086

Cortese:
Region: CORTESE
Facility Addr2: 604 FAIR OAKS AVE S

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45 **BP OIL #11232** **HAZNET** **1001231414**
603 OLD SAN FRANCISCO RD **LUST** **N/A**
SUNNYVALE, CA 94086

HAZNET:
Gepaid: CAR000044891
Contact: BERNIE STAHL/PRES/SEC
Telephone: 9498515061
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 19711 CAMPUS DR STE 100
Mailing City,St,Zip: SANTA ANA, CA 927070000
Gen County: Orange
TSD EPA ID: Not reported
TSD County: Los Angeles

BP OIL #11232 (Continued) **1001231414**

Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: 0.52
Facility County: Not reported

Gepaid: CAR000044891
Contact: BERNIE STAHL/PRES/SEC
Telephone: 9498515061
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 19711 CAMPUS DR STE 100
Mailing City,St,Zip: SANTA ANA, CA 927070000
Gen County: Orange
TSD EPA ID: Not reported
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.52
Facility County: Not reported

Gepaid: CAR000044891
Contact: BERNIE STAHL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 19711 CAMPUS DR STE 100
Mailing City,St,Zip: SANTA ANA, CA 927070000
Gen County: Orange
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .6000
Facility County: Orange

Gepaid: CAR000044891
Contact: BERNIE STAHL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 19711 CAMPUS DR STE 100
Mailing City,St,Zip: SANTA ANA, CA 927070000
Gen County: Orange
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.675
Facility County: Orange

Gepaid: CAR000044891
Contact: BERNIE STAHL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 19711 CAMPUS DR STE 100
Mailing City,St,Zip: SANTA ANA, CA 927070000

BP OIL #11232 (Continued) **1001231414**

Gen County: Orange
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.7
Facility County: Orange

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:
Region: 2
Facility Status: Pollution Characterization
Facility Id: Not reported
Case Number: 06S1W31E01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 11/13/1985
Pollution Characterization Began: 2/23/1993
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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45 **BP** **HAZNET** **S102433497**
603 OLD SAN FRANCISCO RD **Cortese** **N/A**
SUNNYVALE, CA 94086

HAZNET:
Gepaid: CAL000172976
Contact: AMBA RAI/MGR
Telephone: 4087201698
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 603 OLD SAN FRANCISCO RD
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Santa Cruz
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 0.22
Facility County: Not reported

Gepaid: CAL000035281
Contact: TOSCO NORTHWEST COMPANY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 601 UNION STREET
Mailing City,St,Zip: SEATTLE, WA 981010000
Gen County: Santa Clara
TSD EPA ID: CAD980887418

BP (Continued) **S102433497**

TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .9591
Facility County: Santa Clara

Gepaid: CAL000172976
Contact: KASHMIR RAI
Telephone: 4087201698
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 603 OLD SAN FRANCISCO RD
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD088838222
TSD County: Santa Cruz
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: .2293
Facility County: Santa Clara

Cortese:
Region: CORTESE
Facility Addr2: 603 OLD SAN FRANCISCO RD

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45 **MOBIL SERVICE STATION** **HIST UST** **U001594901**
603 OLD SAN FRANCISCO RD **N/A**
SUNNYVALE, CA 94086

HIST UST:
Region: STATE
Facility ID: 00000039659
Tank Num: 001
Container Num: 1
Year Installed: 1970
Tank Capacity: 00010000
Facility Type: Gas Station
Other Type: MOTOR VEHICLE FUEL S
Total Tanks: 0004
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Visual, Stock Inventor, Pressure Test
Contact Name: MICHAEL MCELROY
Telephone: 4087201698
Owner Name: MOBIL OIL CORPORATION
Owner Address: 612 SO. FLOWER STREET
Owner City,St,Zip: LOS ANGELES, CA 90017

Region: STATE
Facility ID: 00000039659
Tank Num: 002
Container Num: 2
Year Installed: 1970
Tank Capacity: 00008000
Facility Type: Gas Station
Other Type: MOTOR VEHICLE FUEL S

MOBIL SERVICE STATION (Continued) **U001594901**

Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Contact Name:	MICHAEL MCELROY
Telephone:	4087201698
Owner Name:	MOBIL OIL CORPORATION
Owner Address:	612 SO. FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90017

Region:	STATE
Facility ID:	00000039659
Tank Num:	003
Container Num:	3
Year Installed:	1972
Tank Capacity:	00006000
Facility Type:	Gas Station
Other Type:	MOTOR VEHICLE FUEL S
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	06
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Contact Name:	MICHAEL MCELROY
Telephone:	4087201698
Owner Name:	MOBIL OIL CORPORATION
Owner Address:	612 SO. FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90017

Region:	STATE
Facility ID:	00000039659
Tank Num:	004
Container Num:	4
Year Installed:	1970
Tank Capacity:	00000280
Facility Type:	Gas Station
Other Type:	MOTOR VEHICLE FUEL S
Total Tanks:	0004
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	MICHAEL MCELROY
Telephone:	4087201698
Owner Name:	MOBIL OIL CORPORATION
Owner Address:	612 SO. FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90017

45	**BP OIL #11232** **603 OLD SAN FRANCISCO RD** **SUNNYVALE, CA 94086**	**HAZNET** **CA FID UST**	**S101594447** **N/A**

HAZNET:

Gepaid:	CA0001036516
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Transfer Station
Tons:	0.20
Facility County:	Not reported

CA FID UST:

Facility ID:	43001013
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087201698
Mail To:	Not reported
Mailing Address:	2868 PROSPECT PARK DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

45	**BP OIL #11232** **603 OLD SAN FRANCISCO RD** **SUNNYVALE, CA 94086**	**LUST** **UST** **HIST LUST** **SWEEPS UST**	**U003981912** **N/A**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500938
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1985-11-13 00:00:00

BP OIL #11232 (Continued) **U003981912**

Pollution Char: 1993-02-23 00:00:00
Remed Plan: 2004-04-15 00:00:00
Remed Action: 2006-08-15 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1986-01-27 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: 2002-10-03 00:00:00
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: 700
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remedial action (cleanup) Underway
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Liz Sewell
RP Address: P.O. BOX 1257
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: B
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZSC
Staff Initials: LL
Lead Agency: Local Agency
Local Agency: 43000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W31E01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W31E01f
Closed Date: Not reported
Lop Number: 13-033

BP OIL #11232 (Continued) **U003981912**

UST:

Region:	STATE
Local Agency:	Sunnyvale, Santa Clara County
Facility ID:	1278

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W31E01
Region Code:	2
Oversite Agency:	SCCDEH
Date Listed:	1987-01-01 00:00:00
Closed Date:	Not reported

SWEEPS UST:

Status:	A
Comp Number:	1278
Number:	1
Board Of Equalization:	44-027706
Ref Date:	06-08-92
Act Date:	06-08-92
Created Date:	07-27-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001278-127805
Actv Date:	09-09-92
Capacity:	8000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	4

Status:	A
Comp Number:	1278
Number:	1
Board Of Equalization:	44-027706
Ref Date:	06-08-92
Act Date:	06-08-92
Created Date:	07-27-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001278-127806
Actv Date:	09-09-92
Capacity:	8000
Tank Use:	M.V. FUEL
Stg:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

Status:	A
Comp Number:	1278
Number:	1
Board Of Equalization:	44-027706
Ref Date:	06-08-92
Act Date:	06-08-92
Created Date:	07-27-90
Tank Status:	A

BP OIL #11232 (Continued) **U003981912**

Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001278-127807
Actv Date:	09-09-92
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	A
Comp Number:	1278
Number:	1
Board Of Equalization:	44-027706
Ref Date:	06-08-92
Act Date:	06-08-92
Created Date:	07-27-90
Tank Status:	A
Owner Tank Id:	019080
Swrcb Tank Id:	43-007-001278-127808
Actv Date:	09-09-92
Capacity:	1000
Tank Use:	OIL
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

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45 **TOSCO NORTHWEST CO NO 11232**
603 OLD SAN FRANCISCO RD
SUNNYVALE, CA 94086

RCRA-SQG **1000985238**
FINDS **CA0001036516**

RCRAInfo:

Owner:	TOSCO NORTHWEST CO (206) 442-7000
EPA ID:	CA0001036516
Contact:	LYNN CHUN (206) 442-7193
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

46 **SCR-RADIATION DETECTION** **Cortese** **S105026834**
162 WOLFE **N/A**
SUNNYVALE, CA 94086

Cortese:
Region: CORTESE
Facility Addr2: Not reported

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47 **RETAIL PROPERTIES DEVELOPMENT** **LUST** **S103880712**
708 N FAIROAKS AVE **N/A**
SUNNYVALE, CA 94086

LUST:
Region: 2
Facility Status: Pollution Characterization
Facility Id: Not reported
Case Number: 06S1W19Q02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 2/24/1984
Pollution Characterization Began: 6/2/1986
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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47 **VALERO** **UST** **U003778947**
698 N FAIROAKS AVE **N/A**
SUNNYVALE, CA 94085

UST:
Region: STATE
Local Agency: Sunnyvale, Santa Clara County
Facility ID: 43-007-431195

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47 **EXXON #7-0283** **CA FID UST** **S101594569**
698 N FAIROAKS AVE **SWEEPS UST** **N/A**
SUNNYVALE, CA 94086

CA FID UST:
Facility ID: 43006755
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087358806
Mail To: Not reported
Mailing Address: 4550 DACOMA
Mailing Address 2: Not reported
Mailing City,St,Zip: SUNNYVALE 94086
Contact: Not reported

EXXON #7-0283 (Continued) **S101594569**

Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	A
Comp Number:	1195
Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-27-90
Act Date:	07-27-90
Created Date:	07-27-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001195-119507
Actv Date:	07-27-90
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	4

Status:	A
Comp Number:	1195
Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-27-90
Act Date:	07-27-90
Created Date:	07-27-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001195-119509
Actv Date:	07-27-90
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	LEADED
Number Of Tanks:	Not reported

Status:	A
Comp Number:	1195
Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-27-90
Act Date:	07-27-90
Created Date:	07-27-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001195-119510
Actv Date:	07-27-90
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED

EXXON #7-0283 (Continued) **S101594569**

Number Of Tanks: Not reported

Status: A
Comp Number: 1195
Number: 1
Board Of Equalization: Not reported
Ref Date: 07-27-90
Act Date: 07-27-90
Created Date: 07-27-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-001195-119508
Actv Date: 07-27-90
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

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47 **TEXACO** **LUST** **S104164303**
698 N FAIROAKS AVE **N/A**
SUNNYVALE, CA 94086

LUST:
Region: 2
Facility Status: Remedial action (cleanup) Underway
Facility Id: Not reported
Case Number: 06S1W19Q01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/30/1986
Pollution Characterization Began: 3/10/1988
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 10/2/1996
Date Post Remedial Action Monitoring Began: Not reported

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19Q01f
Closed Date: 10/4/2005
Lop Number: 20-019

48	**SHELL** **703 S WOLFE RD** **SUNNYVALE, CA 94086**	**LUST** **HIST LUST** **CA WDS**	**S101304391** **N/A**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501305
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1989-06-01 00:00:00
Pollution Char:	1989-06-01 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1988-11-09 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2002-11-27 00:00:00
GW Qualifier:	=
Soil Qualifier:	Not reported
Max MTBE GW ppb:	720
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Pollution Characterization
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	J.L. Garrison
RP Address:	3381 Stev. Cr. Bl., No. 215
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	A
MTBE Conc:	3
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	MJ
Lead Agency:	Local Agency
Local Agency:	43000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W31L01f
Case Number:	Not reported

SHELL (Continued) **S101304391**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region:	2
Facility Status:	Pollution Characterization
Facility Id:	Not reported
Case Number:	06S1W31L01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	6/1/1989
Pollution Characterization Began:	6/1/1989
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W31L01f
Closed Date:	Not reported
Lop Number:	19-021

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W31L01
Region Code:	2
Oversite Agency:	SCCDEH
Date Listed:	1989-01-01 00:00:00
Closed Date:	Not reported

CA WDS:

Facility ID:	San Francisco Bay 438596001
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG912002 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	Christine White
Agency Name:	SHELL OIL PRODUCTS U.S.
Agency Address:	Not reported
Agency City,St,Zip:	Not reported

SHELL (Continued) **S101304391**

Agency Contact:	Carol Campagna
Agency Telephone:	6179016512
Agency Type:	Private
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Contaminated Ground Water
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0.0144
Baseline Flow:	0.0144
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

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49 **TRUE AMERICAN AMC JEEP INC.**
680 E EL CAMINO REAL
SUNNYVALE, CA 94087

HIST UST **U001594977**
N/A

HIST UST:

Region:	STATE
Facility ID:	00000035735
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	CAR DEALER
Total Tanks:	0002
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	J.E. GILARDI
Telephone:	4087326100
Owner Name:	TRUE AMERICAN AMC JEEP INC.
Owner Address:	680 E. EL CAMINO REAL
Owner City,St,Zip:	SUNNYVALE, CA 94087

Region:	STATE
Facility ID:	00000035735
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	CAR DEALER

TRUE AMERICAN AMC JEEP INC. (Continued) **U001594977**

Total Tanks:	0002
Tank Used for:	WASTE
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	J.E. GILARDI
Telephone:	4087326100
Owner Name:	TRUE AMERICAN AMC JEEP INC.
Owner Address:	680 E. EL CAMINO REAL
Owner City,St,Zip:	SUNNYVALE, CA 94087

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49 **SUNNYVALE FORD**
650 EL CAMINO REAL
SUNNYVALE, CA 94087

RCRA-SQG **1000323873**
HAZNET **CAD981443898**
CA FID UST
HIST UST

RCRAInfo:

Owner:	LEON PETTITT (415) 555-1212
EPA ID:	CAD981443898
Contact:	ENVIRONMENTAL MANAGER (408) 738-1800
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

HAZNET:

Gepaid:	CAD981443898
Contact:	MIKE INKSTER
Telephone:	4083281600
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	650 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872916
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Transfer Station
Tons:	.0832
Facility County:	Santa Clara

Gepaid:	CAD981443898
Contact:	MIKE INKSTER
Telephone:	4083281600
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	650 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872916
Gen County:	Santa Clara
TSD EPA ID:	CAD053044053
TSD County:	1
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Not reported
Tons:	.0666
Facility County:	Santa Clara

SUNNYVALE FORD (Continued) **1000323873**

Gepaid: CAD981443898
Contact: MIKE INKSTER
Telephone: 4083281600
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 650 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940872916
Gen County: Santa Clara
TSD EPA ID: CAD053044053
TSD County: 1
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Transfer Station
Tons: 1.1008
Facility County: Santa Clara

Gepaid: CAD981443898
Contact: MIKE INKSTER
Telephone: 4083281600
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 650 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940872916
Gen County: Santa Clara
TSD EPA ID: CAD053044053
TSD County: 1
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: .2206
Facility County: Santa Clara

Gepaid: CAD981443898
Contact: MIKE INKSTER
Telephone: 4083281600
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 650 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940872916
Gen County: Santa Clara
TSD EPA ID: CAD053044053
TSD County: 1
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Not reported
Tons: .1251
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
34 additional CA_HAZNET: record(s) in the EDR Site Report.

CA FID UST:
Facility ID: 43005170
Regulated By: UTNKA
Regulated ID: CAD042103
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087307212
Mail To: Not reported
Mailing Address: 650 E EL CAMINO REAL

SUNNYVALE FORD (Continued) **1000323873**

Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94087
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST UST:

Region:	STATE
Facility ID:	00000009629
Tank Num:	001
Container Num:	1
Year Installed:	1966
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	AUTO DEALER
Total Tanks:	0002
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	A.H. SEBESTA
Telephone:	4087381800
Owner Name:	SUNNYVALE FORD
Owner Address:	650 E EL CAMINO REAL
Owner City,St,Zip:	SUNNYVALE, CA 94087

Region:	STATE
Facility ID:	00000009629
Tank Num:	002
Container Num:	2
Year Installed:	1966
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	AUTO DEALER
Total Tanks:	0002
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	A.H. SEBESTA
Telephone:	4087381800
Owner Name:	SUNNYVALE FORD
Owner Address:	650 E EL CAMINO REAL
Owner City,St,Zip:	SUNNYVALE, CA 94087

49 **LIEN ONE HOUR PHOTO**
605 E EL CAMINO REAL STE 3
SUNNYVALE, CA 94087

RCRA-SQG
FINDS
HAZNET

1000819048
CAD983649971

RCRAInfo:

Owner: LIEN NGUYEN
(408) 746-0100
EPA ID: CAD983649971

Contact: LIEN NGUYEN
(408) 946-7350

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD983649971
Contact: LIEN T NGUYEN
Telephone: 7075576062
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 605 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940870000
Gen County: Santa Clara
TSD EPA ID: CAD981161367
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .7714
Facility County: Santa Clara

Gepaid: CAD983649971
Contact: LIEN T NGUYEN
Telephone: 7075576062
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 605 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940870000
Gen County: Santa Clara
TSD EPA ID: CAD981161367
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .6046
Facility County: Santa Clara

LIEN ONE HOUR PHOTO (Continued) **1000819048**

Gepaid:	CAD983649971
Contact:	LIEN T NGUYEN
Telephone:	7075576062
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	605 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940870000
Gen County:	Santa Clara
TSD EPA ID:	CAD981161367
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	.6672
Facility County:	Santa Clara

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49 **ALLISON BAVARIAN BMW**
750 E EL CAMINO REAL
SUNNYVALE, CA 94087

HIST UST **U001594946**
N/A

HIST UST:

Region:	STATE
Facility ID:	00000009829
Tank Num:	001
Container Num:	1
Year Installed:	1976
Tank Capacity:	00000350
Facility Type:	Other
Other Type:	CAR DEALERSHIP
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, 10
Contact Name:	WAYNE ALLISON
Telephone:	4087332400
Owner Name:	PETER ORLANDO: REAL ESTATE
Owner Address:	30 E. SAN CARLOS SUITE 305
Owner City,St,Zip:	SAN JOSE, CA 95113

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49 **SUNNYVALE ACURA**
750 E EL CAMINO REAL
SUNNYVALE, CA 94087

RCRA-SQG
FINDS
HAZNET
LUST
Cortese
CA FID UST
SWEEPS UST

1000593514
CAD982446601

SUNNYVALE ACURA (Continued) **1000593514**

RCRAInfo:

Owner:	TED STEVENS AND GRANT BISHOP (408) 733-2400
EPA ID:	CAD982446601
Contact:	NORM MILLER (408) 733-2400
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD982446601
Contact:	SUNNYVALE ACURA
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	750 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	5.4210
Facility County:	Santa Clara

Gepaid:	CAD982446601
Contact:	SUNNYVALE ACURA
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	750 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	5.6292
Facility County:	Santa Clara

Gepaid:	CAD982446601

SUNNYVALE ACURA (Continued) **1000593514**

Contact: SUNNYVALE ACURA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 750 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940872918
Gen County: Santa Clara
TSD EPA ID: CAT080031628
TSD County: Kern
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .3752
Facility County: Santa Clara

Gepaid: CAD982446601
Contact: SUNNYVALE ACURA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 750 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940872918
Gen County: Santa Clara
TSD EPA ID: CAD982446874
TSD County: Yolo
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: 1.4595
Facility County: Santa Clara

Gepaid: CAD982446601
Contact: SUNNYVALE ACURA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 750 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940872918
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: .2293
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
24 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:
Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Piping

SUNNYVALE ACURA (Continued) **1000593514**

Global Id: T0608501655
Stop Date: 1997-12-16 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1997-06-12 00:00:00
Discover Date: 1997-12-16 00:00:00
Enforcement Dt: Not reported
Release Date: 1997-06-12 00:00:00
Review Date: 1997-06-20 00:00:00
Enter Date: 1997-06-12 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Mineral Spirits
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MEJ
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-1714
Case Number: 43-1714
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 6/20/97 CONTROL NO 120-146 SRC 0904796

LUST:
Region: 2

SUNNYVALE ACURA (Continued) **1000593514**

Facility Status:	Case Closed
Facility Id:	43-1714
Case Number:	43-1714
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	Piping
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Cortese:

Region:	CORTESE
Facility Addr2:	750 EL CAMINO REAL E

CA FID UST:

Facility ID:	43003817
Regulated By:	UTNKA
Regulated ID:	CAC000071
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087332400
Mail To:	Not reported
Mailing Address:	750 E EL CAMINO REAL
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94087
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	1330
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-001330-133001
Actv Date:	Not reported
Capacity:	550
Tank Use:	OIL
Stg:	WASTE
Content:	WASTE OIL
Number Of Tanks:	1

SUNNYVALE ACURA (Continued) **1000593514**

Status: A
Comp Number: 1330
Number: 1
Board Of Equalization: Not reported
Ref Date: 07-26-90
Act Date: 07-26-90
Created Date: 07-26-90
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

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49 **TEXACO** **Cortese** **S104397043**
604 EL CAMINO REAL E **N/A**
SUNNYVALE, CA 94087

Cortese:
Region: CORTESE
Facility Addr2: 604 EL CAMINO REAL E

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49 **EXXON SERVICE STATION #7-0282** **HIST UST** **U001594954**
604 E EL CAMINO REAL **EMI** **N/A**
SUNNYVALE, CA 94087 **SWEEPS UST**

HIST UST:
Region: STATE
Facility ID: 00000020304
Tank Num: 001
Container Num: 081
Year Installed: 1977
Tank Capacity: 00009988
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: RANDY LEAVITT
Telephone: 5122232631
Owner Name: AUTOTRONIC SYSTEMS, INC.
Owner Address: 3643 E. COMMERCE
Owner City,St,Zip: SAN ANTONIO, TX 78220

Region: STATE
Facility ID: 00000020304
Tank Num: 002
Container Num: 082

EXXON SERVICE STATION #7-0282 (Continued) **U001594954**

Year Installed:	1977
Tank Capacity:	00015080
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Contact Name:	RANDY LEAVITT
Telephone:	5122232631
Owner Name:	AUTOTRONIC SYSTEMS, INC.
Owner Address:	3643 E. COMMERCE
Owner City,St,Zip:	SAN ANTONIO, TX 78220

Region:	STATE
Facility ID:	00000020304
Tank Num:	003
Container Num:	083
Year Installed:	1977
Tank Capacity:	00009988
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Contact Name:	RANDY LEAVITT
Telephone:	5122232631
Owner Name:	AUTOTRONIC SYSTEMS, INC.
Owner Address:	3643 E. COMMERCE
Owner City,St,Zip:	SAN ANTONIO, TX 78220

EMI:

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5984
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5984
Air District Name:	BA

EXXON SERVICE STATION #7-0282 (Continued) **U001594954**

SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

SWEEPS UST:

Status:	A
Comp Number:	1285
Number:	1
Board Of Equalization:	Not reported
Ref Date:	04-09-91
Act Date:	04-09-91
Created Date:	07-30-90
Tank Status:	A
Owner Tank Id:	70282-1B
Swrcb Tank Id:	43-007-001285-128504
Actv Date:	04-09-91
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	LEADED
Number Of Tanks:	3

Status:	A
Comp Number:	1285
Number:	1
Board Of Equalization:	Not reported
Ref Date:	04-09-91
Act Date:	04-09-91
Created Date:	07-30-90
Tank Status:	A
Owner Tank Id:	70282-2B
Swrcb Tank Id:	43-007-001285-128505
Actv Date:	04-09-91
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	A
Comp Number:	1285
Number:	1
Board Of Equalization:	Not reported
Ref Date:	04-09-91
Act Date:	04-09-91
Created Date:	07-30-90
Tank Status:	A
Owner Tank Id:	70282-3B
Swrcb Tank Id:	43-007-001285-128506

EXXON SERVICE STATION #7-0282 (Continued) **U001594954**

Actv Date:	04-09-91
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

49

DRY CLEAN U S A
605 E EL CAMINO REAL
SUNNYVALE, CA 94087

RCRA-SQG **1000107836**
FINDS **CAD981968407**

RCRAInfo:

Owner: SARVIAN ROSS
(415) 555-1212
EPA ID: CAD981968407

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

49

CHEVRON #9-7007
605 E EL CAMINO REAL
SUNNYVALE, CA 94087

LUST **U001594944**
HIST UST **N/A**
HIST LUST
EMI

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500390
Stop Date:	Not reported

CHEVRON #9-7007 (Continued) **U001594944**

Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1986-01-21 00:00:00
Pollution Char: 1986-02-07 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2003-01-15 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1986-04-09 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: 1999-06-08 00:00:00
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: 2.87
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Mark Lafferty
RP Address: P.O. Box 5004
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZSC
Staff Initials: GC
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S2W36R02f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported

CHEVRON #9-7007 (Continued) **U001594944**

Case Number:	06S2W36R02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	1/21/1986
Pollution Characterization Began:	2/7/1986
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000062949
Tank Num:	001
Container Num:	1
Year Installed:	1960
Tank Capacity:	00006000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Contact Name:	HOPPER,WILLIAM J
Telephone:	4087389798
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

Region:	STATE
Facility ID:	00000062949
Tank Num:	002
Container Num:	2
Year Installed:	1960
Tank Capacity:	00002000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000170 unknown
Leak Detection:	Stock Inventor
Contact Name:	HOPPER,WILLIAM J
Telephone:	4087389798
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

Region:	STATE
Facility ID:	00000062949
Tank Num:	003
Container Num:	3
Year Installed:	1960

CHEVRON #9-7007 (Continued) **U001594944**

Tank Capacity:	00006000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Contact Name:	HOPPER,WILLIAM J
Telephone:	4087389798
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

Region:	STATE
Facility ID:	00000062949
Tank Num:	004
Container Num:	4
Year Installed:	1960
Tank Capacity:	00000550
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	0000100 unknown
Leak Detection:	Stock Inventor
Contact Name:	HOPPER,WILLIAM J
Telephone:	4087389798
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S2W36R02
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1987-11-24 00:00:00
Closed Date:	2003-01-15 00:00:00

EMI:

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7734
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

CHEVRON #9-7007 (Continued) **U001594944**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11601
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11601
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11601
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF

CHEVRON #9-7007 (Continued) **U001594944**

Facility ID:	11601
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11601
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11601
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11601
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

CHEVRON #9-7007 (Continued) **U001594944**

Total Organic Hydrocarbon Gases Tons/Yr:	0.111
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

49

CHEVRON
605 EL CAMINO REAL E
SUNNYVALE, CA

Cortese **S105030574**
N/A

Cortese:

Region:	CORTESE
Facility Addr2:	605 EL CAMINO REAL E

Region:	CORTESE
Facility Addr2:	605 EL CAMINO REAL E

49

VALLEY MAZDA
710 E. EL CAMINO
SUNNYVALE, CA 94087

HIST UST **U001594980**
N/A

HIST UST:

Region:	STATE
Facility ID:	00000009929
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Facility Type:	Other
Other Type:	AUTOMOBILE DEALERSHI
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Not reported
Contact Name:	MALCOLM PATTERSON, SERV. MG.
Telephone:	4087381001
Owner Name:	ARTON, INC.
Owner Address:	710 E. EL CAMINO
Owner City,St,Zip:	SUNNYVALE, CA 94087

49

SUNNYVALE MAZDA
710 E EL CAMINO REAL
SUNNYVALE, CA 94087

RCRA-SQG
FINDS
HAZNET
LUST
Cortese
CA FID UST
HIST LUST
SWEEPS UST

1000323879
CAD982320665

SUNNYVALE MAZDA (Continued) **1000323879**

RCRAInfo:
Owner: SUNNYVALE MAZDA
(415) 555-1212
EPA ID: CAD982320665

Contact: ENVIRONMENTAL MANAGER
(408) 738-1001

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAD982320665
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 710 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940872918
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: .4170
Facility County: Santa Clara

Gepaid: CAD982320665
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 710 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940872918
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 5.7126
Facility County: Santa Clara

Gepaid: CAD982320665

SUNNYVALE MAZDA (Continued) **1000323879**

Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	710 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	.1250
Facility County:	Santa Clara

Gepaid:	CAD982320665
Contact:	RICHARD HALL/SERVICE MANAGER
Telephone:	4087381001
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	710 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	1.96
Facility County:	Not reported

Gepaid:	CAD982320665
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	710 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Not reported
Disposal Method:	Recycler
Tons:	0.125
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
18 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported

SUNNYVALE MAZDA (Continued) **1000323879**

Global Id:	T0608501390
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1988-10-04 00:00:00
Pollution Char:	1990-09-25 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1991-04-17 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1984-10-10 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Waste Oil
Contact Person:	Not reported
Responsible Party:	Joe Morrone
RP Address:	710 E. El Camino Real
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	ZSC
Staff Initials:	CW
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	07S1W06D02f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2

SUNNYVALE MAZDA (Continued) **1000323879**

Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	07S1W06D02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	10/4/1988
Pollution Characterization Began:	9/25/1990
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Cortese:

Region:	CORTESE
Facility Addr2:	710 EL CAMINO REAL E

CA FID UST:

Facility ID:	43006978
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087381001
Mail To:	Not reported
Mailing Address:	710 E EL CAMINO REAL
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94087
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	07S1W06D02
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1985-01-01 00:00:00
Closed Date:	1991-04-17 00:00:00

SWEEPS UST:

Status:	A
Comp Number:	3577
Number:	1
Board Of Equalization:	Not reported
Ref Date:	12-05-90
Act Date:	12-05-90
Created Date:	07-26-90
Tank Status:	A

SUNNYVALE MAZDA (Continued) **1000323879**

Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-003577-357701
Actv Date:	07-26-90
Capacity:	550
Tank Use:	OIL
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	1

---

49 **GESTETNER CORP** **RCRA-SQG** **1000403916**
510 E EL CAMINO REAL **FINDS** **CAD981678832**
SUNNYVALE, CA 94087

RCRAInfo:

Owner:	MARDESICH CO (415) 555-1212
EPA ID:	CAD981678832
Contact:	ENVIRONMENTAL MANAGER (408) 749-9111
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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49 **FALORE AMC/JEEP** **LUST** **S107995883**
680 E EL CAMINO REAL **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W31N01f
Closed Date:	9/7/1995
Lop Number:	Not reported

49	**FALORE SUNNYVALE AMC JEEP** **680 E EL CAMINO REAL** **SUNNYVALE, CA 94087**	**RCRA-SQG** **FINDS** **LUST** **Cortese** **CA FID UST** **HIST LUST** **SWEEPS UST**	**1000341290** **CAD982022956**

RCRAInfo:

Owner:	FALORE DAVID (415) 555-1212
EPA ID:	CAD982022956
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500601
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1995-09-07 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1989-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported

FALORE SUNNYVALE AMC JEEP (Continued) **1000341290**

Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	David Falore
RP Address:	680 E. El Camino Real
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff:	ZSC
Staff Initials:	LD
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S1W31N01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S1W31N01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Cortese:

Region:	CORTESE

FALORE SUNNYVALE AMC JEEP (Continued) **1000341290**

Facility Addr2: 680 EL CAMINO REAL E

CA FID UST:

Facility ID:	43000724
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087326100
Mail To:	Not reported
Mailing Address:	680 E EL CAMINO REAL
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94087
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W31N01
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1990-01-01 00:00:00
Closed Date:	1995-09-07 00:00:00

SWEEPS UST:

Status:	A
Comp Number:	2103
Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-26-90
Act Date:	07-26-90
Created Date:	07-26-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002103-210301
Actv Date:	07-26-90
Capacity:	550
Tank Use:	OIL
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	1

Map ID	Site	Database(s)	EDR ID Number EPA ID Number
49	**SUNNYVALE FORD** **650 E EL CAMINO REAL** **SUNNYVALE, CA 94087**	**RCRA-SQG** **SWEEPS UST**	**1000323871** **CAD042103010**

RCRAInfo:
Owner: LEON PETTITT
(415) 555-1212
EPA ID: CAD042103010

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

SWEEPS UST:
Status: A
Comp Number: 2299
Number: 1
Board Of Equalization: Not reported
Ref Date: 07-26-90
Act Date: 07-26-90
Created Date: 07-26-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-002299-229901
Actv Date: 12-05-90
Capacity: 550
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: 1

Map ID	Site	Database(s)	EDR ID Number EPA ID Number
49	**SEABREEZE CLEANERS** **470 E EL CAMINO REAL** **SUNNYVALE, CA 94087**	**CLEANERS**	**S106167202** **N/A**

CLEANERS:
EPA Id: CAL000041385
NAICS Code: Not reported
NAICS Description: Not reported
SIC Code: Not reported
SIC Description: Not reported
Create Date: 02/15/1991
Facility Active: No
Inactive Date: 6/30/1996
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 470 E EL CAMINO REAL
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 940870000
Region Code: 2
Owner Name: PEERY MICHAEL
Owner Address: --
Owner Address 2: Not reported
Owner Telephone: 0000000000
Contact Name: INACTIVE,UNDELIVERABLE 96 FEE
Contact Address: --
Contact Address 2: Not reported

SEABREEZE CLEANERS (Continued) **S106167202**

Contact Telephone: --

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49 **TEXACO** **LUST** **S107997013**
604 E EL CAMINO REAL **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W36R01f
Closed Date: 4/24/1996
Lop Number: 20-029

---

49 **TEXACO SERVICE STATION** **RCRA-SQG** **1000144919**
604 EAST EL CAMINO REAL **FINDS** **CAD982411043**
SUNNYVALE, CA 94087 **LUST**
HIST LUST

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD982411043

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: NOR
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501426
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1985-02-01 00:00:00
Pollution Char: 1988-04-18 00:00:00

TEXACO SERVICE STATION (Continued) **1000144919**

Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1996-04-24 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1985-07-08 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	=
Soil Qualifier:	=
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Karen Petryna
RP Address:	PO Box 4032
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff:	ZSC
Staff Initials:	CT
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S2W36R01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S2W36R01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported

TEXACO SERVICE STATION (Continued) **1000144919**

Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 2/1/1985
Pollution Characterization Began: 4/18/1988
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W36R01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1986-01-01 00:00:00
Closed Date: 1996-04-24 00:00:00

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49 **CHEVRON #9-7007** **LUST** **S107995620**
605 E EL CAMINO REAL **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W36R02f
Closed Date: 1/15/2003
Lop Number: 03-090

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49 **ALBERTSONS NO 7103** **RCRA-SQG** **1004676611**
580 E EL CAMINO REAL **FINDS** **CAR000087429**
SUNNYVALE, CA 94087 **HAZNET**

RCRAInfo:
Owner: ALBERTSONS INC
(208) 395-5245
EPA ID: CAR000087429

Contact: LAURA SUMMERS
(208) 395-5245

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALBERTSONS NO 7103 (Continued) **1004676611**

HAZNET:

Gepaid:	CAR000087429
Contact:	LAURA KIDWAI, ENV PROJECTS SPE
Telephone:	2083955860
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 20 DEPT 74100
Mailing City,St,Zip:	BOISE, ID 837260000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	0.12
Facility County:	Not reported

Gepaid:	CAR000087429
Contact:	LAURA KIDWAI, ENV PROJECTS SPE
Telephone:	2083955860
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 20 DEPT 74100
Mailing City,St,Zip:	BOISE, ID 837260000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.12
Facility County:	Not reported

49	**LONGS DRUG STORE NO 70** **576 E EL CAMINO REAL** **SUNNYVALE, CA 94087**	**RCRA-SQG** **FINDS** **HAZNET**	**1001815699** **CAR000059360**

RCRAInfo:

Owner:	LONGS DRUG STORES CAL (925) 210-6999
EPA ID:	CAR000059360
Contact:	KEITH LANDES (925) 210-6999
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required

LONGS DRUG STORE NO 70 (Continued) **1001815699**

under RCRA.

HAZNET:
Gepaid: CAR000059360
Contact: KEITH LANDES/ENV MGR
Telephone: 7077451654
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 141 N CIVIC DR
Mailing City,St,Zip: WALNUT CREEK, CA 945960000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 4.25
Facility County: Not reported

Gepaid: CAR000059360
Contact: LONGS DRUG STORES CAL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 141 N CIVIC DR
Mailing City,St,Zip: WALNUT CREEK, CA 945960000
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 0.6255
Facility County: Santa Clara

Gepaid: CAR000059360
Contact: KEITH LANDES/ENV MGR
Telephone: 7077451654
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 141 N CIVIC DR
Mailing City,St,Zip: WALNUT CREEK, CA 945960000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 3.97
Facility County: Not reported

Gepaid: CAR000059360
Contact: LONGS DRUG STORES CAL
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 141 N CIVIC DR

LONGS DRUG STORE NO 70 (Continued) **1001815699**

Mailing City,St,Zip:	WALNUT CREEK, CA 945960000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	4.3785
Facility County:	Santa Clara

Gepaid:	CAR000059360
Contact:	LONGS DRUG STORES CAL
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	141 N CIVIC DR
Mailing City,St,Zip:	WALNUT CREEK, CA 945960000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	.2502
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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49 **ONE DAY CLEANERS**
417 E EL CAMINO REAL
SUNNYVALE, CA 94087

CLEANERS **S105938886**
EMI **N/A**

CLEANERS:

EPA Id:	CAL000291109
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	02/10/2005
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	417 E EL CAMINO REAL
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	94087
Region Code:	2
Owner Name:	DANIEL THAI
Owner Address:	417 E EL CAMINO REAL
Owner Address 2:	Not reported
Owner Telephone:	000000000
Contact Name:	DANIEL THAI
Contact Address:	417 E EL CAMINO REAL
Contact Address 2:	Not reported
Contact Telephone:	4082450233

EPA Id:	CAL000291109
NAICS Code:	81232

ONE DAY CLEANERS (Continued) **S105938886**

NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7212
SIC Description: Garment Pressing, and Agents for Laundries and Drycleaners
Create Date: 02/10/2005
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 417 E EL CAMINO REAL
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 94087
Region Code: 2
Owner Name: DANIEL THAI
Owner Address: 417 E EL CAMINO REAL
Owner Address 2: Not reported
Owner Telephone: 000000000
Contact Name: DANIEL THAI
Contact Address: 417 E EL CAMINO REAL
Contact Address 2: Not reported
Contact Telephone: 4082450233

EPA Id: CAL000291109
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7216
SIC Description: Drycleaning Plants, Except Rug Cleaning
Create Date: 02/10/2005
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 417 E EL CAMINO REAL
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 94087
Region Code: 2
Owner Name: DANIEL THAI
Owner Address: 417 E EL CAMINO REAL
Owner Address 2: Not reported
Owner Telephone: 000000000
Contact Name: DANIEL THAI
Contact Address: 417 E EL CAMINO REAL
Contact Address 2: Not reported
Contact Telephone: 4082450233

EPA Id: CAL000291109
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7219
SIC Description: Laundry and Garment Services, NEC (except diaper service and clothing alteration and repair)
Create Date: 02/10/2005
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 417 E EL CAMINO REAL

ONE DAY CLEANERS (Continued) **S105938886**

Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 94087
Region Code: 2
Owner Name: DANIEL THAI
Owner Address: 417 E EL CAMINO REAL
Owner Address 2: Not reported
Owner Telephone: 000000000
Contact Name: DANIEL THAI
Contact Address: 417 E EL CAMINO REAL
Contact Address 2: Not reported
Contact Telephone: 4082450233

EMI:
Year: 1990
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4540
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4540
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4540
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

ONE DAY CLEANERS (Continued) **S105938886**

Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4540
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4540
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4540
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

ONE DAY CLEANERS (Continued) **S105938886**

Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4540
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4540
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4540
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4540

ONE DAY CLEANERS (Continued) **S105938886**

Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.273
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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50 **DITOMMASO PROPERTY** **LUST** **S102428839**
840 EL CAMINO REAL E **Cortese** **N/A**
SUNNYVALE, CA 94087

LUST:

Region:	STATE
Case Type:	Undefined
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Federal
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Structure Failure
Leak Source:	Tank
Global Id:	T0608500519
Stop Date:	1986-10-17 00:00:00
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1989-09-15 00:00:00
Discover Date:	1986-10-17 00:00:00
Enforcement Dt:	Not reported
Release Date:	1986-10-17 00:00:00
Review Date:	1989-09-15 00:00:00
Enter Date:	1986-10-17 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Misc. Motor Vehicle Fuels
Contact Person:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Interim:	Yes
Oversight Prgm:	LUST
MTBE Class:	*

DITOMMASO PROPERTY (Continued) **S102428839**

MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MEJ
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-0473
Case Number: 43-0473
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 5/17/96 CONTROL NO 120-053 SRC 0904703

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: 43-0473
Case Number: 43-0473
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 840 EL CAMINO REAL E

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50 **LUCAS DEALERSHIP GROUP** **LUST** **S103473186**
815 EL CAMINO REAL **Cortese** **N/A**
SUNNYVALE, CA 94086 **HIST LUST**

LUST:
Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported

LUCAS DEALERSHIP GROUP (Continued) **S103473186**

Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608500854
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1996-06-25 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1991-01-01 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: Donald Lucas
RP Address: 19333 Stevens Creek Blvd.
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZSC
Staff Initials: CT
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 07S1W06F03f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUCAS DEALERSHIP GROUP (Continued) **S103473186**

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 07S1W06F03f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 815 EL CAMINO REAL

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 07S1W06F03
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1992-01-01 00:00:00
Closed Date: 1996-06-25 00:00:00

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50 **ROYAL VOLVO**
805 E EL CAMINO REAL
SUNNYVALE, CA 94087

RCRA-SQG **1000148508**
FINDS **CAD981443831**
LUST
Cortese
HIST LUST

RCRAInfo:
Owner: SID MC DONALD
(415) 555-1212
EPA ID: CAD981443831

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ROYAL VOLVO (Continued) **1000148508**

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608502325
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1995-10-03 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1989-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Diesel
Contact Person:	Not reported
Responsible Party:	Wayne Martin
RP Address:	150 N Wolfe Rd
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	ZSC
Staff Initials:	CT
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	07S1W06C01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported

ROYAL VOLVO (Continued) **1000148508**

Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 07S1W06C01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 805 EL CAMINO REAL E

Region: CORTESE
Facility Addr2: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 07S1W06C01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1990-01-01 00:00:00
Closed Date: 1995-10-03 00:00:00

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50 **ROYAL VOLVO AND SUBARU** **HAZNET** **S103985565**
805 E EL CAMINO REAL **LUST** **N/A**
SUNNYVALE, CA 94087 **HIST LUST**
SWEEPS UST

HAZNET:
Gepaid: CAD981443831
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 150 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo

ROYAL VOLVO AND SUBARU (Continued) **S103985565**

Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 2.3560
Facility County: Santa Clara

Gepaid: CAD981443831
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 150 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD093459485
TSD County: Fresno
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: .0498
Facility County: Santa Clara

Gepaid: CAD981443831
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 150 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 2.3977
Facility County: Santa Clara

Gepaid: CAD981443831
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 150 N WOLFE RD
Mailing City,St,Zip: SUNNYVALE, CA 940865211
Gen County: Santa Clara
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: .2500
Facility County: Santa Clara

Gepaid: CAL000027499
Contact: MACDONALD SID
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 805 E EL CAMINO REAL
Mailing City,St,Zip: SUNNYVALE, CA 940870000

ROYAL VOLVO AND SUBARU (Continued) **S103985565**

Gen County:	Santa Clara
TSD EPA ID:	CAD088838222
TSD County:	Santa Cruz
Waste Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Tons:	.3336
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501145
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1996-01-25 00:00:00
Pollution Char:	1996-01-25 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1999-04-20 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1997-08-11 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	1999-01-11 00:00:00
GW Qualifier:	=
Soil Qualifier:	Not reported
Max MTBE GW ppb:	5
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Waste Oil
Contact Person:	Not reported
Responsible Party:	Victor & Margaret Bellomo
RP Address:	753 E. El Camino Real
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	2
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	AS

ROYAL VOLVO AND SUBARU (Continued) **S103985565**

Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	07S1W06C02f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	07S1W06C02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	1/25/1996
Pollution Characterization Began:	1/25/1996
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	07S1W06C02
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1997-08-15 00:00:00
Closed Date:	1999-04-20 00:00:00

SWEEPS UST:

Status:	A
Comp Number:	2317
Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-30-90
Act Date:	07-30-90
Created Date:	07-30-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002317-231702
Actv Date:	07-30-90

ROYAL VOLVO AND SUBARU (Continued) **S103985565**

Capacity:	550
Tank Use:	OIL
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	1

---

50 **SUNNYVALE CHRYSLER PLYMOU** **HAZNET** **S102438216**
776 EL CAMINO REAL **Cortese** **N/A**
SUNNYVALE, CA 94087

HAZNET:

Gepaid:	CAD981967490
Contact:	DAVID FALORE
Telephone:	4087327800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	776 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	.7506
Facility County:	Santa Clara

Gepaid:	CAD981967490
Contact:	DAVID FALORE
Telephone:	4087327800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	776 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	.5503
Facility County:	Santa Clara

Gepaid:	CAD981967490
Contact:	TIM BERNAL/SERVICE MGR
Telephone:	4087327800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	776 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.01
Facility County:	Not reported

Gepaid:	CAD981967490
Contact:	TIM BERNAL/SERVICE MGR

SUNNYVALE CHRYSLER PLYMOU (Continued) **S102438216**

Telephone:	4087327800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	776 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	7.06
Facility County:	Not reported

Gepaid:	CAD981967490
Contact:	DAVID FALORE
Telephone:	4087327800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	776 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	AZD983478322
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Recycler
Tons:	1.3224
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
36 additional CA_HAZNET: record(s) in the EDR Site Report.

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

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50 **SUNNYVALE CHRYSLER/PLYMOUTH**
776 E EL CAMINO REAL
SUNNYVALE, CA 94087

HAZNET
LUST
HIST UST
HIST LUST
EMI

U001594962
N/A

HAZNET:

Gepaid:	CAD981967490
Contact:	ED LOCKETT/SERVICE MANAGER
Telephone:	4087327800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	776 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	9.02
Facility County:	Santa Clara

SUNNYVALE CHRYSLER/PLYMOUTH (Continued) **U001594962**

Gepaid:	CAD981967490
Contact:	ED LOCKETT/SERVICE MANAGER
Telephone:	4087327800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	776 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	4.87
Facility County:	Not reported

Gepaid:	CAD981967490
Contact:	ED LOCKETT/SERVICE MANAGER
Telephone:	4087327800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	776 E EL CAMINO REAL
Mailing City,St,Zip:	SUNNYVALE, CA 940872918
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	4.87
Facility County:	Not reported

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501385
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1989-08-25 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1992-06-16 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1987-02-13 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported

SUNNYVALE CHRYSLER/PLYMOUTH (Continued) **U001594962**

Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Bob Beebler
RP Address:	1450 W. Long Lake Rd, Ste. 280
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff:	ZSC
Staff Initials:	CW
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	07S1W06D01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	07S1W06D01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	8/25/1989
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST UST:

SUNNYVALE CHRYSLER/PLYMOUTH (Continued) **U001594962**

Region:	STATE
Facility ID:	00000011956
Tank Num:	001
Container Num:	1
Year Installed:	1969
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	AUTO DEALERSHIP
Total Tanks:	0002
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Not reported
Contact Name:	ROBERT MANCINI
Telephone:	4087327800
Owner Name:	MANCINI MOTORS, INC
Owner Address:	776 E. EL CAMINO REAL
Owner City,St,Zip:	SUNNYVALE, CA 94087

Region:	STATE
Facility ID:	00000011956
Tank Num:	002
Container Num:	2
Year Installed:	1969
Tank Capacity:	00002000
Facility Type:	Other
Other Type:	AUTO DEALERSHIP
Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Not reported
Contact Name:	ROBERT MANCINI
Telephone:	4087327800
Owner Name:	MANCINI MOTORS, INC
Owner Address:	776 E. EL CAMINO REAL
Owner City,St,Zip:	SUNNYVALE, CA 94087

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	07S1W06D01
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1988-01-01 00:00:00
Closed Date:	1992-06-16 00:00:00

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7467
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

SUNNYVALE CHRYSLER/PLYMOUTH (Continued) **U001594962**

Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1993
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 7467
Air District Name: BA
SIC Code: 5511
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 7467
Air District Name: BA
SIC Code: 5511
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 7467
Air District Name: BA
SIC Code: 5511
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

SUNNYVALE CHRYSLER/PLYMOUTH (Continued) **U001594962**

Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7467
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7467
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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51 **SOUTHLAND CORPORATION PROPERTY** **LUST** **S107996922**
895 E FREMONT AVE **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	07S1W06F02f
Closed Date:	1/4/1996
Lop Number:	Not reported

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51 **UNOCAL** **LUST** **S101304362**
898 E FREMONT AVE **HIST LUST** **N/A**
SUNNYVALE, CA 94087

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported

UNOCAL (Continued) **S101304362**

How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501540
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1993-11-15 00:00:00
Pollution Char:	2005-05-16 00:00:00
Remed Plan:	Not reported
Remed Action:	2004-04-05 00:00:00
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1992-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2004-08-31 00:00:00
GW Qualifier:	=
Soil Qualifier:	=
Max MTBE GW ppb:	950
Max MTBE Soil ppb:	2.1
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Pollution Characterization
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	SHELBY LATHROP
RP Address:	76 BROADWAY
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	A
MTBE Conc:	4
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	LL
Lead Agency:	Local Agency
Local Agency:	43000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	07S1W06F04f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported

UNOCAL (Continued) **S101304362**

Summary: Not reported

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608502281
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1987-04-15 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1991-04-24 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1989-05-06 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2000-04-25 00:00:00
GW Qualifier:	=
Soil Qualifier:	Not reported
Max MTBE GW ppb:	530
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Tim Ross
RP Address:	2175 N. California Blvd. #650
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	1
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	CW
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	07S1W06F01f
Case Number:	Not reported
Qty Leaked:	Not reported

UNOCAL (Continued) **S101304362**

Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 07S1W06F01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 4/15/1987
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility Status: Pollution Characterization
Facility Id: Not reported
Case Number: 07S1W06F04f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 11/15/1993
Pollution Characterization Began: 5/5/1999
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST:
Region: SANTA CLARA
SCVWD ID: 07S1W06F04f
Closed Date: Not reported
Lop Number: 21-082

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 07S1W06F01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1990-01-01 00:00:00
Closed Date: 1991-04-24 00:00:00

UNOCAL (Continued) **S101304362**

Region: SANTA CLARA
SCVWD ID: 07S1W06F04
Region Code: 2
Oversite Agency: SCCDEH
Date Listed: 1993-11-04 00:00:00
Closed Date: Not reported

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51 **UNOCAL**
898 E FREMONT AVE
SANTA CLARA (County), CA
LUST **S107997102**
N/A

LUST:
Region: SANTA CLARA
SCVWD ID: 07S1W06F01f
Closed Date: 4/24/1991
Lop Number: 21-041

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52 **JIM AND GEORGE’S AUTO SERVICE**
1296 SARATOGA-SUNNYVALE RD
SUNNYVALE, CA 94087
LUST
Cortese
HIST LUST
S101304388
N/A

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: SEL
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608500778
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1988-10-14 00:00:00
Pollution Char: 1988-10-14 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1996-11-15 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1989-11-02 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: 1995-10-24 00:00:00
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: 1
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline

JIM AND GEORGE'S AUTO SERVICE (Continued) **S101304388**

Contact Person: Not reported
Responsible Party: Jim & George Nitis
RP Address: 1296 Sunnyvale-Saratoga Rd
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 1
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZSC
Staff Initials: AS
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 07S2W01G01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 07S2W01G01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 10/14/1988
Pollution Characterization Began: 10/14/1988
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 07S2W01G01
Region Code: 2
Oversite Agency: SCVWD

JIM AND GEORGE'S AUTO SERVICE (Continued) **S101304388**

Date Listed:	1990-01-01 00:00:00
Closed Date:	1996-11-15 00:00:00

---

53 **SHELL** **LUST** **S105194527**
1300 SARATOGA-SUNNYVALE RD **HIST LUST** **N/A**
SUNNYVALE, CA 94087

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501252
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1989-06-08 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1991-04-17 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1986-04-22 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2004-04-29 00:00:00
GW Qualifier:	<
Soil Qualifier:	Not reported
Max MTBE GW ppb:	.5
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Alex Perez
RP Address:	P.O. Box 4023
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	1
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	CW
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported

SHELL (Continued) **S105194527**

Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 07S2W01K01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 07S2W01K01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 6/8/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 07S2W01K01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1987-01-01 00:00:00
Closed Date: 1991-04-17 00:00:00

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54 **MARIANI PACKING** **LUST** **S107996250**
10930 DE ANZA BLVD **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 07S2W12G01f
Closed Date: 2/19/1991
Lop Number: 06-075

54 **CHEVRON #9-5700**
11010 N DE ANZA BLVD
CUPERTINO, CA 95014

LUST
HIST UST
HIST LUST
SWEEPS UST

U001600974
N/A

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500238
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1993-03-23 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2001-08-02 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1992-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2003-09-02 00:00:00
GW Qualifier:	<
Soil Qualifier:	=
Max MTBE GW ppb:	2
Max MTBE Soil ppb:	.05
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Mark Lafferty
RP Address:	PO Box 361
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	2
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	CK
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	07S2W12G02f

CHEVRON #9-5700 (Continued) **U001600974**

Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	07S2W12G02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	3/23/1993
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000062800
Tank Num:	001
Container Num:	1
Year Installed:	1976
Tank Capacity:	00010000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0005
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Contact Name:	DAYNER, FRANK R
Telephone:	4087739135
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

Region:	STATE
Facility ID:	00000062800
Tank Num:	002
Container Num:	2
Year Installed:	1959
Tank Capacity:	00005000
Facility Type:	Gas Station
Other Type:	Not reported

CHEVRON #9-5700 (Continued) **U001600974**

Total Tanks:	0005
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Contact Name:	DAYNER, FRANK R
Telephone:	4087739135
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

Region:	STATE
Facility ID:	00000062800
Tank Num:	003
Container Num:	3
Year Installed:	1959
Tank Capacity:	00006000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0005
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Contact Name:	DAYNER, FRANK R
Telephone:	4087739135
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

Region:	STATE
Facility ID:	00000062800
Tank Num:	004
Container Num:	4
Year Installed:	1976
Tank Capacity:	00010000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0005
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Contact Name:	DAYNER, FRANK R
Telephone:	4087739135
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

Region:	STATE
Facility ID:	00000062800
Tank Num:	005
Container Num:	5
Year Installed:	1959
Tank Capacity:	00000550
Facility Type:	Gas Station
Other Type:	Not reported

CHEVRON #9-5700 (Continued) **U001600974**

Total Tanks:	0005
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	0000100 unknown
Leak Detection:	Stock Inventor
Contact Name:	DAYNER, FRANK R
Telephone:	4087739135
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	07S2W12G02
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1993-05-26 00:00:00
Closed Date:	2001-08-02 00:00:00

SWEEPS UST:

Status:	Not reported
Comp Number:	62800
Number:	Not reported
Board Of Equalization:	44-031913
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-012-062800-000001
Actv Date:	Not reported
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	5

Status:	Not reported
Comp Number:	62800
Number:	Not reported
Board Of Equalization:	44-031913
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-012-062800-000002
Actv Date:	Not reported
Capacity:	5000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	62800

CHEVRON #9-5700 (Continued) **U001600974**

Number:	Not reported
Board Of Equalization:	44-031913
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-012-062800-000003
Actv Date:	Not reported
Capacity:	6000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	62800
Number:	Not reported
Board Of Equalization:	44-031913
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-012-062800-000004
Actv Date:	Not reported
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	62800
Number:	Not reported
Board Of Equalization:	44-031913
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-012-062800-000005
Actv Date:	Not reported
Capacity:	550
Tank Use:	OIL
Stg:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

Status:	A
Comp Number:	62800
Number:	1
Board Of Equalization:	44-031913
Ref Date:	08-12-93
Act Date:	03-08-94
Created Date:	02-29-88
Tank Status:	Not reported

CHEVRON #9-5700 (Continued) **U001600974**

Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

54
CHEVRON
11010 DE ANZA BLVD N
CUPERTINO, CA
Cortese **S105027745**
N/A

Cortese:

Region:	CORTESE
Facility Addr2:	11010 DE ANZA BLVD N

54
CHEVRON #9-5700
11010 N DE ANZA BLVD
SANTA CLARA (County), CA
LUST **S107995604**
N/A

LUST:

Region:	SANTA CLARA
SCVWD ID:	07S2W12G02f
Closed Date:	8/2/2001
Lop Number:	03-089

54
MOBIL
11025 DE ANZA BLVD
SANTA CLARA (County), CA
LUST **S107996324**
N/A

LUST:

Region:	SANTA CLARA
SCVWD ID:	07S2W12F01f
Closed Date:	2/1/1999
Lop Number:	13-038

55
PG&E CUPERTINO SERVICE CENTER
10900 N BLANEY AVENUE
CUPERTINO, CA 95014
EMI **S105939088**
N/A

EMI:

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9187
Air District Name:	BA
SIC Code:	5172
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

PG&E CUPERTINO SERVICE CENTER (Continued) **S105939088**

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 9187
Air District Name: BA
SIC Code: 5172
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 9187
Air District Name: BA
SIC Code: 5172
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 9187
Air District Name: BA
SIC Code: 5172
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

PG&E CUPERTINO SERVICE CENTER (Continued) **S105939088**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 9187
Air District Name: BA
SIC Code: 5172
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 9187
Air District Name: BA
SIC Code: 5172
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 9187
Air District Name: BA
SIC Code: 5172
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF

PG&E CUPERTINO SERVICE CENTER (Continued) **S105939088**

Facility ID:	9187
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9187
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9187
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.53
Reactive Organic Gases Tons/Yr:	0.4692205
Carbon Monoxide Emissions Tons/Yr:	0.02
NOX - Oxides of Nitrogen Tons/Yr:	0.157
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

55 **CUPERTINO SERVICE CENTER** **HIST UST** **U001600982**
10900 N BLANEY AVE **N/A**
CUPERTINO, CA 95014

HIST UST:

Region: STATE
Facility ID: 00000024891
Tank Num: 001
Container Num: 1
Year Installed: 1954
Tank Capacity: 00004000
Facility Type: Other
Other Type: PUBLIC UTILITY
Total Tanks: 0006
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: MR. S.C. THOMAS
Telephone: 4082983333
Owner Name: PACIFIC GAS AND ELECTRIC COMPA
Owner Address: 111 ALMADEN BLVD ROOM 816
Owner City,St,Zip: SAN JOSE, CA 95115

Region: STATE
Facility ID: 00000024891
Tank Num: 002
Container Num: 2
Year Installed: 1954
Tank Capacity: 00004000
Facility Type: Other
Other Type: PUBLIC UTILITY
Total Tanks: 0006
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: MR. S.C. THOMAS
Telephone: 4082983333
Owner Name: PACIFIC GAS AND ELECTRIC COMPA
Owner Address: 111 ALMADEN BLVD ROOM 816
Owner City,St,Zip: SAN JOSE, CA 95115

Region: STATE
Facility ID: 00000024891
Tank Num: 003
Container Num: 3
Year Installed: 1974
Tank Capacity: 00005000
Facility Type: Other
Other Type: PUBLIC UTILITY
Total Tanks: 0006
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 3/16 inches
Leak Detection: Stock Inventor
Contact Name: MR. S.C. THOMAS
Telephone: 4082983333
Owner Name: PACIFIC GAS AND ELECTRIC COMPA

CUPERTINO SERVICE CENTER (Continued) **U001600982**

Owner Address:	111 ALMADEN BLVD ROOM 816
Owner City,St,Zip:	SAN JOSE, CA 95115

Region:	STATE
Facility ID:	00000024891
Tank Num:	004
Container Num:	4
Year Installed:	1954
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	PUBLIC UTILITY
Total Tanks:	0006
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	3/16 inches
Leak Detection:	None
Contact Name:	MR. S.C. THOMAS
Telephone:	4082983333
Owner Name:	PACIFIC GAS AND ELECTRIC COMPA
Owner Address:	111 ALMADEN BLVD ROOM 816
Owner City,St,Zip:	SAN JOSE, CA 95115

Region:	STATE
Facility ID:	00000024891
Tank Num:	005
Container Num:	5
Year Installed:	1977
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	PUBLIC UTILITY
Total Tanks:	0006
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	6 inches
Leak Detection:	None
Contact Name:	MR. S.C. THOMAS
Telephone:	4082983333
Owner Name:	PACIFIC GAS AND ELECTRIC COMPA
Owner Address:	111 ALMADEN BLVD ROOM 816
Owner City,St,Zip:	SAN JOSE, CA 95115

Region:	STATE
Facility ID:	00000024891
Tank Num:	006
Container Num:	6
Year Installed:	Not reported
Tank Capacity:	00000150
Facility Type:	Other
Other Type:	PUBLIC UTILITY
Total Tanks:	0006
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	3/16 unknown
Leak Detection:	None
Contact Name:	MR. S.C. THOMAS
Telephone:	4082983333
Owner Name:	PACIFIC GAS AND ELECTRIC COMPA

CUPERTINO SERVICE CENTER (Continued) **U001600982**

Owner Address: 111 ALMADEN BLVD ROOM 816
Owner City,St,Zip: SAN JOSE, CA 95115

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55 **P G & E** **LUST** **S107996449**
10900 BLANEY AVE. **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 07S1W07M01f
Closed Date: 6/29/2005
Lop Number: Not reported

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55 **10900 NORTH BLANEY ST** **ERNS** **98426061**
10900 NORTH BLANEY ST **N/A**
CUPERTINO, CA

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

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55 **PACIFIC GAS & ELECTRIC CORP** **HAZNET** **S103622273**
10900 N BLANEY AVE **N/A**
CUPERTINO, CA 95014

HAZNET:
Gepaid: CAD981409600
Contact: PETER GRIFFITH-ENVIRONMENTAL S
Telephone: 4153302290
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10900 N BLANEY AVE
Mailing City,St,Zip: CUPERTINO, CA 950140555
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 2.62
Facility County: Not reported

Gepaid: CAD981409600
Contact: PETER GRIFFITH-ENVIRONMENTAL S
Telephone: 4153302290
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10900 N BLANEY AVE
Mailing City,St,Zip: CUPERTINO, CA 950140555
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Polychlorinated biphenyls and material containing PCB’s
Disposal Method: Recycler

PACIFIC GAS & ELECTRIC CORP (Continued) **S103622273**

Tons: 0.09
Facility County: Not reported

Gepaid: CAD981409600
Contact: PETER GRIFFITH-ENVIRONMENTAL S
Telephone: 4153302290
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10900 N BLANEY AVE
Mailing City,St,Zip: CUPERTINO, CA 950140555
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Not reported
Disposal Method: Recycler
Tons: 0.20
Facility County: Not reported

Gepaid: CAD981409600
Contact: PETER GRIFFITH-ENVIRONMENTAL S
Telephone: 4153302290
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10900 N BLANEY AVE
Mailing City,St,Zip: CUPERTINO, CA 950140555
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.50
Facility County: Not reported

Gepaid: CAD981409600
Contact: PETER GRIFFITH-ENVIRONMENTAL S
Telephone: 4153302290
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10900 N BLANEY AVE
Mailing City,St,Zip: CUPERTINO, CA 950140555
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Tons: 0.01
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
231 additional CA_HAZNET: record(s) in the EDR Site Report.

55 **PG&E** **LUST** **S107138435**
10900 NORTH BLANEY AVENUE **N/A**
CUPERTINO, CA 95014

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	LOPF
How Discovered:	SAS
How Stopped:	Other Means
Leak Cause:	UNK
Leak Source:	UNK
Global Id:	T0608599961
Stop Date:	Not reported
Confirm Leak:	2005-06-29 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2005-06-29 00:00:00
Discover Date:	2003-07-07 00:00:00
Enforcement Dt:	Not reported
Release Date:	2003-07-24 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Waste Oil
Contact Person:	Not reported
Responsible Party:	MR. PETE GRIFFITH
RP Address:	731 SCHWERIN STREET
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	BGS
Staff Initials:	LD
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	07S1W07M01f
Case Number:	Not reported

PG&E (Continued) **S107138435**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

55
CUPERTINO SVC CTR
10900 NORTH BLANEY AVE
CUPERTINO, CA 95014
RCRA-LQG **1007199292**
CAD981409600

RCRAInfo:
Owner: PACIFIC GAS & ELECTRIC CO
EPA ID: CAD981409600

Contact: RUDY PROMANI
(408) 282-7471

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	2141.60	D008	1880.00
D009	1555.00	D018	1653.60
F002	15.00	F003	278.00

Violation Status: No violations found

55
PG &E CORP YARD
10900 N BLANEY AV
CUPERTINO, CA 95014
UST **U003949018**
N/A

UST:
Region: STATE
Local Agency: Los Gatos, Santa Clara County
Facility ID: 27

55
CUPERTINO SERVICE CENTER
10900 NORTH BLANEY AVENUE
CUPERTINO, CA 95014
FINDS **1005631032**
110000831440

FINDS:
Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or

CUPERTINO SERVICE CENTER (Continued) **1005631032**

dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

55
PACIFIC GAS AND ELECTRIC CO.
10900 N BLANEY AVE
CUPERTINO, CA 95014

CHMIRS
CA FID UST
SWEEPS UST

S101594544
N/A

CHMIRS:
OES Incident Number: 98-1015
OES notification: 2/25/199803:20:45 PM
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities:Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: Yes
Waterway: Storm drain
Spill Site: Not reported
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported

PACIFIC GAS AND ELECTRIC CO. (Continued) **S101594544**

Date/Time: Not reported
Year: 1998
Agency: PG&E
Incident Date: 2/25/199812:00:00 AM
Admin Agency: Santa Clara County Health Department
Amount: Not reported
Contained: Yes
Site Type: Industrial Plant
E Date: Not reported
Substance: Hydrualic Oil
Quantity Released: Not reported
BBLS: 0
Cups: 0
CUFT: 0
Gallons: 10
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0
Description: Hydrualic line ruptured. Approximately 1 gallon got down a storm drain. Drain is diked off. Cleanup in process.
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

CA FID UST:
Facility ID: 43005037
Regulated By: UTNKA
Regulated ID: CAD981409
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087252013
Mail To: Not reported
Mailing Address: 10900 N BLANEY AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: CUPERTINO 95014
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 24891
Number: Not reported
Board Of Equalization: 44-026419
Ref Date: Not reported
Act Date: Not reported

PACIFIC GAS AND ELECTRIC CO. (Continued) **S101594544**

Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-012-024891-000004
Actv Date:	Not reported
Capacity:	150
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

Status:	A
Comp Number:	24891
Number:	1
Board Of Equalization:	44-026419
Ref Date:	03-18-93
Act Date:	01-21-94
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	1
Swrcb Tank Id:	43-012-024891-000001
Actv Date:	02-18-92
Capacity:	4000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	4

Status:	A
Comp Number:	24891
Number:	1
Board Of Equalization:	44-026419
Ref Date:	03-18-93
Act Date:	01-21-94
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	8026
Swrcb Tank Id:	43-012-024891-000002
Actv Date:	02-18-92
Capacity:	4000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	A
Comp Number:	24891
Number:	1
Board Of Equalization:	44-026419
Ref Date:	03-18-93
Act Date:	01-21-94
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	8027
Swrcb Tank Id:	43-012-024891-000003
Actv Date:	02-18-92
Capacity:	5000

PACIFIC GAS AND ELECTRIC CO. (Continued) **S101594544**

Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: A
Comp Number: 24891
Number: 1
Board Of Equalization: 44-026419
Ref Date: 03-18-93
Act Date: 01-21-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 100052
Swrcb Tank Id: 43-012-024891-000005
Actv Date: 02-18-92
Capacity: 1000
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

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55 **MEREDITH CORP SUN NEWSPAPERS** **RCRA-SQG** **1000201432**
10950 N BLANEY AVE **FINDS** **CAD097017107**
CUPERTINO, CA 95014

RCRAInfo:
Owner: MEREDITH CORPORATION
(415) 555-1212
EPA ID: CAD097017107

Contact: ENVIRONMENTAL MANAGER
(408) 255-7500

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

56	**CUPERTINO VILLAGE CLEANERS** **10989 NORTH WOLFE ROAD** **CUPERTINO, CA 95014**	**VCP** **ENVIROSTOR**	**S108054446** **N/A**

VCP:

Facility ID:	60000385
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Acres:	12.51
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	Not reported
Project Manager:	XAVIER BRYANT
Supervisor:	DENISE TSUJI
Division Branch:	North Coast
Site Code:	201671
Assembly:	22
Senate:	13
Status:	Inactive - Action Required
Status Date:	2006-07-19 00:00:00
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.3364 / -122.0152
Alias Name:	201671 60000385 316-45-017 316-05-050 316-05-051 316-05-052 316-05-053 316-05-056 316-05-072 Cupertino Village Shopping Center
Alias Type:	Project Code (Site Code) Calsites ID Number APN APN APN APN APN APN APN Alternate Name
APN:	316-45-017, 316-05-050, 316-05-051, 316-05-052, 316-05-053, 316-05-056, 316-05-072
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Confirmed:	30022
Confirmed Description:	Tetrachloroethylene (PCE)

CUPERTINO VILLAGE CLEANERS (Continued) **S108054446**

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	California Land Reuse and Revitalization Agreement
Future Due Date:	2007
Media Affected:	SOIL, SV
Media Affected Desc:	Soil
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	30022
Potenital Description:	Tetrachloroethylene (PCE)
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	DRY CLEANING

ENVIROSTOR:

Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	12.51
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	XAVIER BRYANT
Supervisor:	DENISE TSUJI
Division Branch:	North Coast
Facility ID:	60000385
Site Code:	201671
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Inactive - Action Required**
Status Date:	2006-07-19 00:00:00
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.3364
Longitude:	-122.0152
Alias Name:	201671 60000385 316-45-017 316-05-050 316-05-051 316-05-052 316-05-053 316-05-056 316-05-072 Cupertino Village Shopping Center
Alias Type:	Project Code (Site Code) Calsites ID Number APN APN APN APN APN APN

CUPERTINO VILLAGE CLEANERS (Continued) **S108054446**

	APN Alternate Name
APN:	316-45-017, 316-05-050, 316-05-051, 316-05-052, 316-05-053, 316-05-056, 316-05-072
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Confirmed:	30022
Confirmed Description:	Tetrachloroethylene (PCE)
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	California Land Reuse and Revitalization Agreement
Future Due Date:	2007
Media Affected:	SOIL, SV
Media Affected Desc:	Soil
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	30022
Potenital Description:	Tetrachloroethylene (PCE)
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	DRY CLEANING

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57 **MARIANI PACKING**
10930 DE ANZA BLVD
CUPERTINO, CA 95014

LUST **S102432979**
Cortese **N/A**
HIST LUST

LUST:

Region:	STATE
Case Type:	Drinking Water Aquifer affected
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500867
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1984-09-17 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported

MARIANI PACKING (Continued) **S102432979**

Close Date: 1991-02-19 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1984-07-20 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: DW Mariani Development Corp
RP Address: 4 Main Street
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: ZSC
Staff Initials: CW
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 07S2W12G01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 07S2W12G01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported

MARIANI PACKING (Continued) **S102432979**

Preliminary Site Assesment Began: 9/17/1984
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 10930 DE ANZA BLVD

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 07S2W12G01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1985-01-01 00:00:00
Closed Date: 1991-02-19 00:00:00

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58 **MOTOROLA FOUR PHASE INC**
10700 N DE ANZA BLVD
CUPERTINO, CA 95014

RCRA-SQG
FINDS
RCRA-TSDF
CORRACTS

1000341814
CAD990794158

RCRAInfo Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 08/27/1991

RCRAInfo:
Owner: MOTOROLA FOUR PHASE INC
(408) 255-0900
EPA ID: CAD990794158

Contact: Not reported

Classification: TSDF
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 11/02/1987
Actual Date Achieved Compliance: 02/18/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/29/1988
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 10/29/1987
Actual Date Achieved Compliance: 10/18/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/17/1988
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance

MOTOROLA FOUR PHASE INC (Continued) **1000341814**

Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19880218
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS	19881018

FINDS:

Other Pertinent Environmental Activity Identified at Site

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CORRACTS:

EPA ID:	CAD990794158
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	08/27/1991
Action:	CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s):	0

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59 **SHELL SERVICE STATION** **Notify 65** **S100178732**
19990 STEVENS CREEK **N/A**
CUPERTINO, CA 93043

Notify 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Incident Description:	93043

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALAMEDA	S106661739	1X FOUNTAIN CLEANERS	2006 ENCINAS AVENUE	95051	CLEANERS
CUPERTINO	S104580667	MCCLELLAN SQUARE CLEANERS	10477 DE ANZA BLVD	95014	HAZNET, CLEANERS, EMI
CUPERTINO	S100183052	MARIANI FRUIT PACKING PLANT ORCHARD	CORNER OF DEANZA BOULEVARD / HIGHWAY 280	95014	ENVIROSTOR
CUPERTINO	S101594613	EXXON R/S 7-0206	10002 N HWY 9	95014	CA FID UST, SWEEPS UST
CUPERTINO	U001601016	TEXACO	10002 N. HWY 9 / STEVENS CREEK	95014	HIST UST
CUPERTINO	1003879309	KAISER ALUMINUM	PERMANENTE RD	95014	CERC-NFRAP
CUPERTINO	U001600995	HEWLETT-PACKARD COMPANY	190447 PRUNERIDGE AV	95014	HIST UST
CUPERTINO	1004675609	CALTRANS DIST 4	ON RAMP FROM DE ANZA BLVD TO	95014	FINDS, RCRA-LQG
CUPERTINO	U003976744	CHEVRON SERVICE STATION #94818	1699 SARATOGA- SUNNYVALE RD	95014	UST
CUPERTINO	S106162427	KAISER CEMENT CORP PERMANENTE	UNKNOWN STEVENS CREEK BLVD W END OF	95014	LUST, SLIC
CUPERTINO	1000283393	VALLEY CLEANERS	2560 VALLEY GREEN DR	95014	RCRA-SQG, CLEANERS
EL DORADO	S100184408	UNION MINE LANDFILL	UNION MINE ROAD	94089	Notify 65, ENVIROSTOR
FREMONT	U001594918	SUNNYVALE LUMBER INC.	44580 WARM SPRINGS BLVD.	94086	HIST UST
MONTA VISTA	U001601008	MONTA VISTA SUBSTATION	OFF CALIFORNIA OAKS WAY	95014	HIST UST
MOUNTAIN VIEW	S101272887	MOFFETT FEDERAL AIRFIELD, OU-2	2,200 ACRES; 35MI S OF SAN FRANCISCO, CA	94089	RESPONSE, ENVIROSTOR
MOUNTAIN VIEW	S101272888	MOFFETT FEDERAL AIRFIELD, OU-5	2,200 ACRES; 35MI S OF SAN FRANCISCO, CA	94089	RESPONSE, ENVIROSTOR
MOUNTAIN VIEW	S101482384	MOFFETT FEDERAL AIRFIELD, OU-3	2,200 ACRES; 35MI S OF SAN FRANCISCO, CA	94089	ENVIROSTOR
SAN JOSE	S106922422	ADLE’S UNOCAL	5696 STEVENS CREEK BLVD 1	95014	SWEEPS UST
SANTA CLARA	S106932551	STATE GAS	1045 AIRPORT BLVD, SSF, CA 94080/841 LAWRENCE EXPR	95051	SWEEPS UST
SANTA CLARA	U003895492	HDK MACHINE INC.	545 ALDO AVENUE 6	95054	UST
SANTA CLARA	S105512932	AGNEWS DEVELOPMENTAL CENTER 2	AVENUE A AND SIXTH ST	95054	LUST, HIST LUST
SANTA CLARA	S105512933	AGNEWS DEVELOPMENTAL CENTER 3	AVENUE B / SEVENTH ST	95054	LUST, HIST LUST
SANTA CLARA	S108243542	HEWLETT PACKARD CO	3410 CENTRAL PKWY	95051	LUST
SANTA CLARA	U004049879	FACILITY 43-010-300632	3875 KIFER RD BLD W BLD W	95051	UST
SANTA CLARA	S101594659	CHEVRON U.S.A. INC.	500 LAWRENCE STA. RD.	95051	CA FID UST, SWEEPS UST
SANTA CLARA	U001601848	92679	5OO LAWRENCE STA RD	95051	HIST UST
SANTA CLARA	U003805041	A & M SHELL	2455 LAWRENCE EXPRESSWAY	95051	UST
SANTA CLARA	S106922670	ANDERSON BEHEL	3701 STEVENS CREEK BLVD./4355 STEVENS CREEK BLVD.	95051	SWEEPS UST
SOUTH SAN FRANCISCO	S106162246	FUEL HYDRANT SYSTEM UNITED PARKING LOT	UNKNOWN SAN FRANCISCO AIRPORT LOT DD	94087	LUST, SLIC
SOUTH SAN FRANCISCO	S106162145	UAL HYDRANT LEAK SHELL CHEVRON	UNKNOWN SAN FRANCISCO AIRPORT GATE 75	94086	LUST, SLIC
SOUTH SAN FRANCISCO	S106163640	SF GHILOTTI BROS SPILL CITY	UNKNOWN SAN FRANCISCO AIRPORT	94085	LUST, SLIC
SUNNYVALE	U001594950	CJ OLSON FARM	RR 1 BOX 140 EL CAMINO RD	94087	HIST UST
SUNNYVALE	1007199157	ARA AUTOMATED FINISHING	1286 ANVILWOOD	94086	RCRA-SQG
SUNNYVALE	U004049803	T-M MANUFACTURING	695 E ARQUES	94086	UST
SUNNYVALE	1003878983	TEPCO	936EAST ARQUES	94086	CERC-NFRAP
SUNNYVALE	S105026819	SCR-ADVANCED MICRO DEVICE	1165 ARQUES	94086	LUST, Cortese, SLIC
SUNNYVALE	S105694729	UNITED TECHNOLOGIES CHEMICAL	1050 ARQUES AVE	94086	LUST, HIST LUST
SUNNYVALE	S100186306	OPEN FIELD / SUNNYVALE LANDFILL	BETWEEN HIGHWAY 237 / HIGHWAY 101	94086	ENVIROSTOR
SUNNYVALE	1007736439	SUNNYVALE WPCP	144 BORREGAS AVE.	94089	FINDS
SUNNYVALE	1001195321	SCVTA TASMAN BLOCK C310	BORREGAS AND GROSSMAN AVE	94086	RCRA-SQG, FINDS, HAZNET
SUNNYVALE	S101482411	SAN ANTONIO / WEST BAYSHORE AREA PLUME	BOUNDED: BAYSHORE, FABIAN / SAN ANTONIO	94086	ENVIROSTOR
SUNNYVALE	S108207371	FUHSD - SUNNYVALE HIGH SCHOOL	570 BRITTON AVE	94086	HAZNET
SUNNYVALE	S106932684	SUNNYVALE HIGH SCHOOL	570 BRITTON AVE	94086	SWEEPS UST

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SUNNYVALE	U004049773	PRECISION TUNE AUTO CARE	1004 EL CAMINO RL	94087	UST
SUNNYVALE	U004049795	FACILITY 43-007-431559	660 EL CAMINO RL, STE B	94086	UST
SUNNYVALE	U004049802	FALORE AMC/JEEP	680 EL CAMINO REAL, STE A	94086	UST
SUNNYVALE	U004049804	JAPANESE BEETLE	928 EL CAMINO RL	94086	UST
SUNNYVALE	U004049806	LARRY HOPKINS PONTIAC	1048 EL CAMINO RL, STE A	94086	UST
SUNNYVALE	S106112802	CONOCOPHILLIPS # 11213	1198 EL CAMINO REAL	94087	LUST, HIST LUST
SUNNYVALE	1003878444	SUNNYVALE LDFL	CARIBBEAN DR	94086	CERC-NFRAP
SUNNYVALE	S106167090	CHERRY CHASE CLEANERS	603 CHERRY CHASE CENTER	94087	CLEANERS
SUNNYVALE	S102441003	W.L. HICKEY SONS INC.	190 COMMERCIAL ST	94086	LUST, HIST LUST
SUNNYVALE	S100453852	SUMMERHILL CHERRY ORCHARD PROJECT	CRAWFORD / SARATOGA	94087	ENVIROSTOR
SUNNYVALE	S108221731	SUNNYVALE VW	1025 E EL CAMINO REAL	94087	HAZNET
SUNNYVALE	94358029	954 EAST EL CAMINO	954 EAST EL CAMINO	94087	ERNS
SUNNYVALE	1008221657	SUNNYVALE LINCOLN MERCURY KIA	1124 W. EL CAMINO	94087	FINDS
SUNNYVALE	S105807954	SAIGON CLEANERS	1034 E EL CAMINO REAL UNIT A	94087	HAZNET, CLEANERS
SUNNYVALE	U004049799	FACILITY 43-007-432010	810 EVELYN AV	94086	UST
SUNNYVALE	U004049805	PINE CONE LUMBER	895 EVELYN AV	94086	UST
SUNNYVALE	U004049836	FACILITY 43-007-436963	848 EVELYN AV	94086	UST
SUNNYVALE	S105026824	SUNNYVALE CITY OF	FAIR OAKS / HWY 237		Cortese
SUNNYVALE	S106716313	SUNNYVALE, CITY OF	FAIR OAKS / 237 HWY	94085	LUST, HIST LUST
SUNNYVALE	S105512949	SUNNYVALE, CITY OF	FAIROAKS / 237 HWY	94085	LUST
SUNNYVALE	U003790979	BP OIL #11231	801 N FAIROAKS AVE	94086	UST, SWEEPS UST
SUNNYVALE	S107996332	MOBIL (CONOCOPHILLIPS)	801 N FAIROAKS AVE	94086	LUST
SUNNYVALE	S105092990	SUNNYVALE IMAGING CENTER	877 FREMONT AVE STE C-3	94087	HAZNET
SUNNYVALE	1007569211	CALIFORNIA WATER SERVICE CO LAS STA 27	623 FREMONT AVE	94087	RCRA-SQG, HAZNET
SUNNYVALE	S106077078	NINOS CLEANERS	826 E FREMONT AVE STE A	94087	HAZNET, CLEANERS
SUNNYVALE	S105512947	ESL, INC.	1330 GENEVA - BLDG M-4 DR	94089	LUST, HIST LUST
SUNNYVALE	1001195323	SCVTA TASMAN BLOCK C885	GUADALUPE RIVER AND HWY 237	94089	RCRA-SQG, FINDS
SUNNYVALE	U004049825	FACILITY 43-007-435666	401 HENDY AVENUE BUILDING 17	94086	UST
SUNNYVALE	U004049826	FACILITY 43-007-435668	401 E HENDY AVENUE BUILDING 11	94086	UST
SUNNYVALE	U004049827	FACILITY 43-007-435669	401 E HENDY AVENUE BUILDING 51	94086	UST
SUNNYVALE	U004049833	FACILITY 43-007-436887	401 E HENDY AVENUE BUILDING 46	94086	UST
SUNNYVALE	1009311718	TARGET STORE NO 1412 HAUL SITE	2111 W IOWA AVE	94086	RCRA-SQG
SUNNYVALE	U004049766	LAKEWOOD SHELL	1101 LAWRENCE EXPWY	94086	UST
SUNNYVALE	U004049775	UNOCAL #4821	295 LAWRENCE EXPWY	94086	UST
SUNNYVALE	1001959772	CITY OF SUNNYVALE	MARY AVE BETWEEN CARSON DR AND	94086	RCRA-SQG, FINDS, HAZNET
SUNNYVALE	U004049816	SUNNYVALE CITY OF (SUNNYVALE)	171 MATHILDA AV	94086	UST
SUNNYVALE	1004676005	SHELL STN	776 N MATHILDA	94086	RCRA-SQG, FINDS
SUNNYVALE	U003981950	UNOCAL SERVICE STATION #4315	499 N MATHILDA AVE	94086	UST, SWEEPS UST
SUNNYVALE	U004049778	VALERO	498 NORTH MATHILDA AVENUE	94086	UST
SUNNYVALE	U004049781	AMERICAN EUROPEAN AUTO CLINIC	105 MAUDE AV	94086	UST
SUNNYVALE	S106235178	MALC	1022-1034 MAUDE W	94086	LUST, SLIC
SUNNYVALE	S101482355	XEROX SUNNYVALE FACILITY	415, 435 OAKMEAD PARKWAY	94086	ENVIROSTOR
SUNNYVALE	1001195322	SCVTA TASMAN BLOCK C410	REAMWOOD AVE AND LAWRENCE EXPW	94086	RCRA-SQG, FINDS
SUNNYVALE	U001594975	TEXACO	1045 REED LANE / EVELYN	94087	HIST UST
SUNNYVALE	S101594417	EXXON #7-0286	1045 REED LN	94086	LUST, CA FID UST, HIST LUST, SWEEPS UST
SUNNYVALE	S108221727	SUNNYVALE DENTAL OFC GARY V SEVELY DDS	500 E REMINGTON DR STE 23	94087	HAZNET

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SUNNYVALE	S107146841	SUNNYVALE DENTAL OFC GARY V SEVELY DDS	500 EAST REMINGTON DRIVE STE 23	94087	HAZNET
SUNNYVALE	1007199051	ADAC LABORATORIES	255 SAN GERONIMO	94086	RCRA-SQG
SUNNYVALE	1003878011	SAN LAZARO AREA PLUME	SAN LAZARO AVE	94086	CERC-NFRAP
SUNNYVALE	S108221730	SUNNYVALE MANOR LP	1485 SARATOGA SUNNYVALE RD	94087	HAZNET
SUNNYVALE	S105181519	US AIR FORCE SUNNYVALE	6594 SQUADRON ST	94089	LUST
SUNNYVALE	92283072	SUNNYVALE CITY LANDFILL	SUNNYVALE CITY LANDFILL	94086	ERNS
SUNNYVALE	1004677615	SHELL SERVICE STATION	1300 SUNNYVALE	94087	RCRA-SQG, FINDS, HAZNET
SUNNYVALE	U001594877	AMETEK, SILICON MATERIAL DIVIS	SUNNYVALE	94086	HIST UST
SUNNYVALE	S107137419	NEXCYCLE/PAK N SAVE	762 SUNNYVALE/SARATOGA RD	94087	SWRCY
SUNNYVALE	1000207291	SCIENCE APPLICATIONS INT CORP	257 TASMAN DRIVE	94089	RCRA-SQG, FINDS
SUNNYVALE	S106162503	SAN LAZARO AREA PLUME	UNKNOWN SAN LAZARO AVE	94086	LUST, SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 02/23/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/28/2006
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 02/19/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/28/2006	Source: EPA
Date Data Arrived at EDR: 12/19/2006	Telephone: 703-603-8960
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/19/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/20/2006	Source: EPA
Date Data Arrived at EDR: 01/29/2007	Telephone: 703-603-8960
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/04/2007	Source: EPA
Date Data Arrived at EDR: 01/18/2007	Telephone: 800-424-9346
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/27/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 01/24/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 47

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 01/24/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 01/17/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/17/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/18/2006
Date Data Arrived at EDR: 12/14/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 63

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 02/06/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/10/2007
Date Data Arrived at EDR: 01/24/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 34

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/22/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 03/12/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 202-343-9775
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB’s who are required to notify the EPA of such activities.

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 03/02/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/26/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 32

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/2006
Date Data Arrived at EDR: 12/28/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/28/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/06/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/29/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/11/2006
Date Data Arrived at EDR: 12/13/2006
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 42

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 03/15/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 12/19/2006
Date Data Arrived at EDR: 12/19/2006
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 12/19/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/22/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 01/08/2007
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 01/09/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/09/2007
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/09/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Quarterly

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 01/01/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/23/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
Last EDR Contact: 02/05/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 12/27/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 01/09/2007
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/09/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/22/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/03/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/27/2006
Date Data Arrived at EDR: 11/27/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 37

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/09/2007
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 14

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 01/09/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Semi-Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 11/02/2006
Date Data Arrived at EDR: 11/03/2006
Date Made Active in Reports: 12/08/2006
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/29/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 11/30/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 50

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 01/15/2007
Date Data Arrived at EDR: 01/16/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 42

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/16/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 10/25/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 11/28/2006
Number of Days to Update: 28

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/13/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 05/17/2006
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/26/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/20/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/06/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 27

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/19/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control’s (DTSC’s) Site Mitigation and Brownfields Reuse Program’s (SMBRP’s) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/08/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/30/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/21/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 02/21/2007
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/19/2006
Date Data Arrived at EDR: 12/19/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 11/21/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 11/30/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/12/2007
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006
Date Data Arrived at EDR: 12/19/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 41

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 02/02/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 25

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/22/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/26/2006
Date Data Arrived at EDR: 10/27/2006
Date Made Active in Reports: 11/13/2006
Number of Days to Update: 17

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/22/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/28/2006	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 11/29/2006	Telephone: 925-646-2286
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 02/26/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA’s are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/13/2007	Source: Dept. of Community Health
Date Data Arrived at EDR: 01/16/2007	Telephone: 559-445-3271
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/16/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 12/06/2006	Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 12/07/2006	Telephone: 661-862-8700
Date Made Active in Reports: 01/04/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998	Source: EPA Region 9
Date Data Arrived at EDR: 07/07/1999	Telephone: 415-972-3178
Date Made Active in Reports: N/A	Last EDR Contact: 05/16/2006
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2006	Source: Department of Public Works
Date Data Arrived at EDR: 12/29/2006	Telephone: 626-458-3517
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 11/13/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/12/2007
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 11/13/2006
Date Data Arrived at EDR: 11/28/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 36

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/13/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/04/2006
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 12/14/2006
Date Data Arrived at EDR: 12/15/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 39

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 11/13/2006
Date Data Arrived at EDR: 11/13/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 29

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/06/2006
Date Data Arrived at EDR: 11/28/2006
Date Made Active in Reports: 01/04/2007
Number of Days to Update: 37

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/29/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2007
Date Data Arrived at EDR: 01/10/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2007
Date Data Arrived at EDR: 01/10/2007
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 13

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 01/04/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 20

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/07/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 01/04/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 20

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/07/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 01/04/2007
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 19

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/07/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/17/2007
Date Data Arrived at EDR: 01/18/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 40

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 12/29/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/06/2007
Date Data Arrived at EDR: 02/07/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 20

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 11/09/2006
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 12/21/2006
Number of Days to Update: 41

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 02/16/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 11

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 02/15/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 12

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 01/04/2007
Date Data Arrived at EDR: 01/05/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 01/03/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 12/21/2006
Date Data Arrived at EDR: 12/22/2006
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 33

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 12/21/2006
Date Data Arrived at EDR: 12/22/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 32

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/16/2006
Date Data Arrived at EDR: 12/13/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 41

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/25/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 33

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 01/09/2007	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 01/09/2007	Telephone: 650-363-1921
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 12/27/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 09/29/2006	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/02/2006	Telephone: 408-918-3417
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 12/27/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 12/07/2006	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 12/07/2006	Telephone: 408-277-4659
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 01/08/2007	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 02/06/2007	Telephone: 707-784-6770
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 12/27/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 01/02/2007	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2007	Telephone: 707-784-6770
Date Made Active in Reports: 01/23/2007	Last EDR Contact: 12/27/2006
Number of Days to Update: 7	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/22/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 35

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/22/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 01/29/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 09/05/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 30

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 41

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/10/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 11/13/2006	Source: Yolo County Department of Health
Date Data Arrived at EDR: 11/28/2006	Telephone: 530-666-8646
Date Made Active in Reports: 01/04/2007	Last EDR Contact: 01/29/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 860-424-3375
Date Made Active in Reports: 04/07/2006	Last EDR Contact: 03/16/2007
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 01/01/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/04/2007	Telephone: N/A
Date Made Active in Reports: 02/13/2007	Last EDR Contact: 01/04/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/26/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/29/2006	Telephone: 518-402-8651
Date Made Active in Reports: 01/05/2007	Last EDR Contact: 03/02/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/17/2006	Telephone: N/A
Date Made Active in Reports: 06/06/2006	Last EDR Contact: 03/12/2007
Number of Days to Update: 81	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 04/11/2006	Source: Department of Environmental Management
Date Data Arrived at EDR: 10/31/2006	Telephone: 401-222-2797
Date Made Active in Reports: 12/18/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/17/2006	Telephone: N/A
Date Made Active in Reports: 05/02/2006	Last EDR Contact: 02/06/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Annually

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association’s annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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EDR® Environmental
Data Resources Inc

EDR DataMap®
Corridor Study

Sunnyvale West Channel
Sunnyvale, CA 94089

March 19, 2007

Inquiry number 01878114.2r

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR).

TARGET PROPERTY INFORMATION

ADDRESS

SUNNYVALE, CA 94089
SUNNYVALE, CA 94089

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
RADINFO	Radiation Information Database
US CDL	Clandestine Drug Labs
LUCIS	Land Use Control Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs

EXECUTIVE SUMMARY

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/25/2007 has revealed that there is 1 NPL site within the searched area.

Site	Address	Map ID	Page
MOFFETT NAVAL AIR STATION	***MOFFETT FIELD NAS***	***0***	***3***

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 11/28/2006 has revealed that there are 3 CERCLIS sites within the searched area.

Site	Address	Map ID	Page
MOFFETT NAVAL AIR STATION	***MOFFETT FIELD NAS***	***0***	***3***
NAVAL INDUSTRIAL RESERVE ORDIN	***111 LOCKHEED WAY***	***23***	***156***
USAF ONIZUKA AIR FORCE BASE	***1080 LOCKHEED WY***	***30***	***196***

EXECUTIVE SUMMARY

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/20/2006 has revealed that there are 13 CERC-NFRAP sites within the searched area.

Site	Address	Map ID	Page
BALL A C CO	***141 CASPIAN CT***	***10***	***65***
SUPERTEX, INC.	***1225 BORDEAUX DR***	***18***	***98***
LOCKHEED MISSILES & SPACE COMP	***111 LOCKHEED WAY***	***23***	***132***
DESIGN OPTICS INC	***155 MOFFETT PARK DR***	***29***	***184***
ESL INC SUBSIDIARY OF TRW	425 TASMAN	32	199
CIRCO	***940 HAMLIN CT***	***36***	***204***
EXAR CORP	***750 PALOMAR AVENUE***	***41***	***216***
LITTON APPLIED TECHNOLOGY	***525 ALMANOR AVENUE***	***42***	***228***
DA LES AUTO BODY	***728 SAN ALESO AVENUE***	***43***	***236***
PHOTRONICS INCORPORATED	***695 VAQUEROS AVE.***	***47***	***265***
ZYMOS CORP	***477 N MATHILDA AVE***	***51***	***278***
DATA GENERAL CORPORATION SUNNY	***433 NORTH MATHILDA AVEN***	***52***	***286***
ANACOMP INC	***305 SOQUEL WY AND***	***54***	***295***

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 01/04/2007 has revealed that there are 5 CORRACTS sites within the searched area.

Site	Address	Map ID	Page
BALL A C CO	***141 CASPIAN CT***	***10***	***65***
LOCKHEED MISSILES & SPACE COMP	***111 LOCKHEED WAY***	***23***	***132***
CIRCO	***940 HAMLIN CT***	***36***	***204***
ZYMOS CORP	***477 N MATHILDA AVE***	***51***	***278***
ANACOMP INC	***305 SOQUEL WY AND***	***54***	***295***

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/13/2006 has revealed that there are

EXECUTIVE SUMMARY

5 RCRA-TSDF sites within the searched area.

Site	Address	Map ID	Page
BALL A C CO	***141 CASPIAN CT***	***10***	***65***
LOCKHEED MISSILES & SPACE COMP	***111 LOCKHEED WAY***	***23***	***132***
CIRCO	***940 HAMLIN CT***	***36***	***204***
ZYMOS CORP	***477 N MATHILDA AVE***	***51***	***278***
ANACOMP INC	***305 SOQUEL WY AND***	***54***	***295***

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 11 RCRA-LQG sites within the searched area.

Site	Address	Map ID	Page
TECHNITRON INC	***1366 BORDEAUX DR***	***9***	***54***
GREAT WESTERN BANK	***1380 BORDEAUX DR***	***9***	***55***
INFINERA CORPORATION	***1322 BORDEAUX DR***	***11***	***71***
PERKINELMER OPTOELECTRONICS (I	***399 W JAVA DRIVE***	***15***	***84***
SUPERTEX, INC.	***1225 BORDEAUX DR***	***18***	***98***
ORBIT SEMICONDUCTOR, INC.	***1230 BORDEAUX DR***	***18***	***107***
ALPHA INDUSTRIES, INC.	1230 BORDEAUX DRIVE	18	114
SKYWORKS SOLUTIONS	1230 BORDEAUX DRIVE	18	115
CREE MICROWAVE, INC.	***160 GIBRALTAR CT***	***19***	***123***
HIGH CONNECTION DENSITY	***1267 BORREGAS AVE***	***20***	***126***
LOCKHEED MISSILES & SPACE COMP	***111 LOCKHEED WAY***	***23***	***132***

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are

EXECUTIVE SUMMARY

64 RCRA-SQG sites within the searched area.

Site	Address	Map ID	Page
THE SMART STATION	***301 CARL RD***	***3***	***35***
SUNNYVALE CITY OF	***1444 BORREGAS AVE***	***4***	***41***
GASONICS INC	***250 E CARRIBEAN***	***7***	***49***
FEDERAL EXPRESS STATION	***1395 BORREGAS AVE***	***8***	***50***
ZYNG ENTERPRISES	***1362 BORDEAUX DR***	***9***	***53***
VALMARK IND, INC	***1376 BORREGAS AVE***	***10***	***58***
HANDAR INC	***1380 BORREGAS AVE***	***10***	***60***
BALL A C CO	***141 CASPIAN CT***	***10***	***65***
E S L INC	***141 CASPIAN CT***	***10***	***67***
LOCKHEED MISSLES & SPACE CO	***480 E JAVA DR B591***	***12***	***73***
TERRASENSE, INC	***395 JAVA DR***	***13***	***74***
SPECTRIAN	***350 W JAVA DRIVE***	***15***	***77***
CERMETEK MICROELECTRONICS INCO	***1308 BORREGAS AVENUE***	***16***	***85***
LOCKHEED MISSLES & SPACE CO	***169 JAVA DR B535***	***16***	***86***
AG ASSOCIATES	***1325 BORREGAS AVE***	***16***	***88***
REXNORD GAS DETECTION PRODUCTS	***207 JAVA DR***	***16***	***91***
LOCKHEED MISSLES & SPACE CO	***111 JAVA DR B531***	***17***	***91***
NORTHROP GRUMMAN MISSION SYSTE	***1212 BORDEAUX DR***	***18***	***92***
MEGASENSE INC	***1215 BORDEAUX DR***	***18***	***92***
LOCKHEED MISSILES & SPACE CO	***1235 BORDEAUX DR B 588***	***18***	***96***
OEPIC INC	***1231 BORDEAUX DR***	***18***	***115***
DIASONICS INCORPORATED	***1235 BORDEAUX DRIVE***	***18***	***119***
SPECTRIAN	***160 GIBRALTER CT***	***19***	***121***
LOCKHEED MISSLES & SPACE CO	***212 GIBRALTAR DR B589***	***20***	***127***
LOCKHEED MISSILES & SPACE CO	212 GIBRALTAR DR B589	20	127
LOCKHEED MISSILES & SPACE CO	***1220 NORTH MATHILDA AVE***	***21***	***128***
HANDAR	***1188 BORDEAUX DR***	***22***	***128***
UTAH INTERNATIONAL INC	***1190 BORDEAUX DR***	***22***	***130***
UTAH INTERNATIONAL INC.	1190 BORDEAUX DR.	22	130
CONTROL DATA CORP	***1190 BORREGAS AVE***	***24***	***157***
PACIFIC BELL	***1140 NORTH MATHILDA***	***25***	***159***
LOCKHEED MISSILES & SPACE CO	***266 CASPIAN DR B550***	***26***	***181***
LOCKHEED MISSILES & SPACE CO	***1178 BORDEAX DRIVE B573***	***28***	***182***
ATARI INC	***1180 BORDEAUX***	***28***	***184***
DESIGN OPTICS INC	***155 MOFFETT PARK DR***	***29***	***184***
USAF ONIZUKA AIR FORCE BASE	***1080 LOCKHEED WY***	***30***	***196***
LOCKHEED MISSILES & SPACE CO	***375 MOFFETT PARK DRIVE***	***31***	***198***
SUPER GRAPHICS	***155 MOFFETT PARK DR UNI***	***33***	***200***
CIRCO	***940 HAMLIN CT***	***36***	***204***
CALIFORNIA MICROWAVE INC	***985 ALMANOR AVE***	***37***	***207***
LITTON APPLIED TECHNOLOGY	***785 MARY AVENUE***	***39***	***213***
CALIFORNIA MICROWAVE INC	***985 ALMANOR AVE***	***40***	***213***
SYSTRON-DONNER CORP. ADVANCED	***735 PALOMAR AVE***	***41***	***214***
TRAK MICROWAVE CORP WESTERN DI	735 PALOMAR AVE	41	214
EXAR CORP	***750 PALOMAR AVENUE***	***41***	***216***
HOETRON INC	***776 PALOMAR AVENUE***	***41***	***220***
TOPAZ TECHNOLOGIES	***783 PALOMAR AVE***	***41***	***220***
CALLIDA GENOMICS INC	***670 ALMANOR AVE***	***41***	***222***
LITTON APPLIED TECHNOLOGY	***525 ALMANOR AVENUE***	***42***	***228***
DA LES AUTO BODY	***728 SAN ALESO AVENUE***	***43***	***236***
SUNNYVALE AUTO BODY	***505 ALMANOR AVENUE***	***44***	***252***
NIMBUS SOFTWARE SVCS	***520 ALMANOR AVE***	***44***	***257***
SIRENZA MICRODEVICES	***522 ALMANOR AVE***	***44***	***259***
NEOCONIX INC	***715 N PASTORIA***	***45***	***261***
HYBRID CIRCUITS INC	***733 PASTORIA AVE***	***45***	***262***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
BEAM ENGINEERING INC	*732 N PASTORIA AVE*	*45*	*263*
CALLIDA GENOMICS INC	*750 N PASTORIA AVE*	*45*	*263*
EKG PRECISION MACHINE	*757 N PASTORIA AVE*	*45*	*264*
PHOTRONICS INCORPORATED	*695 VAQUEROS AVE.*	*47*	*265*
PACIFIC BELL	*658 PASTORIA*	*48*	*274*
ZYMOS CORP	*477 N MATHILDA AVE*	*51*	*278*
DATA GENERAL CORPORATION SUNNY	*433 NORTH MATHILDA AVEN*	*52*	*286*
VERBATIM A KODAK COMPANY	*435 INDIO WAY*	*53*	*293*
ANACOMP INC	*305 SOQUEL WY AND*	*54*	*295*

ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 10/18/2006 has revealed that there is 1 US ENG CONTROLS site within the searched area.

Site	Address	Map ID	Page
MOFFETT NAVAL AIR STATION	*MOFFETT FIELD NAS*	*0*	*3*

INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 01/24/2007 has revealed that there is 1 US INST CONTROL site within the searched area.

Site	Address	Map ID	Page
MOFFETT NAVAL AIR STATION	*MOFFETT FIELD NAS*	*0*	*3*

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within the searched area.

Site	Address	Map ID	Page
MOFFETT FIELD NAVAL AIR STATIO		0	27

EXECUTIVE SUMMARY

RODS: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 01/10/2007 has revealed that there is 1 ROD site within the searched area.

Site	Address	Map ID	Page
MOFFETT NAVAL AIR STATION	*MOFFETT FIELD NAS*	*0*	*3*

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/18/2007 has revealed that there are 66 FINDS sites within the searched area.

Site	Address	Map ID	Page
THE SMART STATION	*301 CARL RD*	*3*	*35*
SUNNYVALE CITY OF	*1444 BORREGAS AVE*	*4*	*41*
GASONICS INC	*250 E CARRIBEAN*	*7*	*49*
FEDERAL EXPRESS STATION	*1395 BORREGAS AVE*	*8*	*50*
ZYNG ENTERPRISES	*1362 BORDEAUX DR*	*9*	*53*
TECHNITRON INC	*1366 BORDEAUX DR*	*9*	*54*
GREAT WESTERN BANK	*1380 BORDEAUX DR*	*9*	*55*
VALMARK IND, INC	*1376 BORREGAS AVE*	*10*	*58*
HANDAR INC	*1380 BORREGAS AVE*	*10*	*60*
BALL A C CO	*141 CASPIAN CT*	*10*	*65*
E S L INC	*141 CASPIAN CT*	*10*	*67*
INFINERA CORPORATION	*1322 BORDEAUX DR*	*11*	*71*
LOCKHEED MISSLES & SPACE CO	*480 E JAVA DR B591*	*12*	*73*
TERRASENSE, INC	*395 JAVA DR*	*13*	*74*
SPECTRIAN	*350 W JAVA DRIVE*	*15*	*77*
PERKINELMER OPTOELECTRONICS (I	*399 W JAVA DRIVE*	*15*	*84*
CERMETEK MICROELECTRONICS INCO	*1308 BORREGAS AVENUE*	*16*	*85*
LOCKHEED MISSLES & SPACE CO	*169 JAVA DR B535*	*16*	*86*
AG ASSOCIATES	*1325 BORREGAS AVE*	*16*	*88*
REXNORD GAS DETECTION PRODUCTS	*207 JAVA DR*	*16*	*91*
LOCKHEED MISSLES & SPACE CO	*111 JAVA DR B531*	*17*	*91*
NORTHROP GRUMMAN MISSION SYSTE	*1212 BORDEAUX DR*	*18*	*92*
MEGASENSE INC	*1215 BORDEAUX DR*	*18*	*92*
LOCKHEED MISSILES & SPACE CO	*1235 BORDEAUX DR B 588*	*18*	*96*
SUPERTEX, INC.	*1225 BORDEAUX DR*	*18*	*98*
ORBIT SEMICONDUCTOR, INC.	*1230 BORDEAUX DR*	*18*	*107*
OEPIC INC	*1231 BORDEAUX DR*	*18*	*115*
DIASONICS INCORPORATED	*1235 BORDEAUX DRIVE*	*18*	*119*
HIGH CONNECTION DENSITY	*1267 BORREGAS AVE*	*20*	*126*
LOCKHEED MISSLES & SPACE CO	*212 GIBRALTAR DR B589*	*20*	*127*
LOCKHEED MISSILES & SPACE CO	*1220 NORTH MATHILDA AVE*	*21*	*128*
HANDAR	*1188 BORDEAUX DR*	*22*	*128*
UTAH INTERNATIONAL INC	*1190 BORDEAUX DR*	*22*	*130*

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
LOCKHEED MISSILES & SPACE COMP	*111 LOCKHEED WAY*	*23*	*132*
NAVAL INDUSTRIAL RESERVE ORDIN	*111 LOCKHEED WAY*	*23*	*156*
CONTROL DATA CORP	*1190 BORREGAS AVE*	*24*	*157*
PACIFIC BELL	*1140 NORTH MATHILDA*	*25*	*159*
LOCKHEED MISSILES & SPACE CO	*266 CASPIAN DR B550*	*26*	*181*
LOCKHEED MISSILES & SPACE CO	*1178 BORDEAX DRIVE B573*	*28*	*182*
ATARI INC	*1180 BORDEAUX*	*28*	*184*
DESIGN OPTICS INC	*155 MOFFETT PARK DR*	*29*	*184*
USAF ONIZUKA AIR FORCE BASE	*1080 LOCKHEED WY*	*30*	*196*
LOCKHEED MISSILES & SPACE CO	*375 MOFFETT PARK DRIVE*	*31*	*198*
SUPER GRAPHICS	*155 MOFFETT PARK DR UNI*	*33*	*200*
CIRCO	*940 HAMLIN CT*	*36*	*204*
LITTON APPLIED TECHNOLOGY	*785 MARY AVENUE*	*39*	*213*
CALIFORNIA MICROWAVE INC	*985 ALMANOR AVE*	*40*	*213*
SYSTRON-DONNER CORP. ADVANCED	*735 PALOMAR AVE*	*41*	*214*
EXAR CORP	*750 PALOMAR AVENUE*	*41*	*216*
HOETRON INC	*776 PALOMAR AVENUE*	*41*	*220*
TOPAZ TECHNOLOGIES	*783 PALOMAR AVE*	*41*	*220*
NUVELO	*675 ALMANOR AVE*	*41*	*224*
LITTON APPLIED TECHNOLOGY	*525 ALMANOR AVENUE*	*42*	*228*
DA LES AUTO BODY	*728 SAN ALESO AVENUE*	*43*	*236*
SUNNYVALE AUTO BODY	*505 ALMANOR AVENUE*	*44*	*252*
NIMBUS SOFTWARE SVCS	*520 ALMANOR AVE*	*44*	*257*
SIRENZA MICRODEVICES	*522 ALMANOR AVE*	*44*	*259*
HYBRID CIRCUITS INC	*733 PASTORIA AVE*	*45*	*262*
BEAM ENGINEERING INC	*732 N PASTORIA AVE*	*45*	*263*
EKG PRECISION MACHINE	*757 N PASTORIA AVE*	*45*	*264*
PHOTRONICS INCORPORATED	*695 VAQUEROS AVE.*	*47*	*265*
PACIFIC BELL	*658 PASTORIA*	*48*	*274*
ZYMOS CORP	*477 N MATHILDA AVE*	*51*	*278*
DATA GENERAL CORPORATION SUNNY	*433 NORTH MATHILDA AVEN*	*52*	*286*
VERBATIM A KODAK COMPANY	*435 INDIO WAY*	*53*	*293*
ANACOMP INC	*305 SOQUEL WY AND*	*54*	*295*

STATE AND LOCAL RECORDS

HIST CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within the searched area.

Site	Address	Map ID	Page
SUNNYVALE NIROP	*1111 LOCKHEED WAY, BLDG*	*1*	*27*

EXECUTIVE SUMMARY

TOXIC PITS: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there is 1 Toxic Pits site within the searched area.

Site	Address	Map ID	Page
LOCKHEED B/071 Closure Date: 07/01/88	***1111 LOCKHEED WAY***	***23***	***149***

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 12/11/2006 has revealed that there are 2 SWF/LF sites within the searched area.

Site	Address	Map ID	Page
GREEN TEAM ZANKER	***301 CARL ROAD***	***3***	***35***
CITY OF SUNNYVALE LANDFILL	NORTH SIDE CARIBBEAN DR	5	47

WDS: California Water Resources Control Board - Waste Discharge System.

A review of the CA WDS list, as provided by EDR, and dated 12/19/2006 has revealed that there are 8 CA WDS sites within the searched area.

Site	Address	Map ID	Page
SUNNYVALE SOLID WASTE DISP	***CARIBBEAN DRIVE***	***2***	***29***
SUNNYVALE CITY OF	***1444 BORREGAS AVE***	***4***	***41***
MEGASENSE INC	***1215 BORDEAUX DR***	***18***	***92***
ORBIT SEMICONDUCTOR, INC.	***1230 BORDEAUX DR***	***18***	***107***
OEPIC INC	***1231 BORDEAUX DR***	***18***	***115***
CREE MICROWAVE, INC.	***160 GIBRALTAR CT***	***19***	***123***
LOCKHEED MISS. & SPACE CO.	***1111 LOCKHEED WY***	***23***	***130***
LOCKHEED - BUILDING 101	***1111 LOCKHEED WY 0/47-1***	***23***	***147***

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 2 WMUDS/SWAT sites within the searched area.

Site	Address	Map ID	Page
SUNNYVALE SOLID WASTE DISP	***CARIBBEAN DRIVE***	***2***	***29***
LOCKHEED - BUILDING 101	***1111 LOCKHEED WY 0/47-1***	***23***	***147***

EXECUTIVE SUMMARY

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 16 Cortese sites within the searched area.

Site	Address	Map ID	Page
Not reported	***1444 BORREGAS***	***4***	***44***
FEDERAL EXPRESS STATION	***1395 BORREGAS AVE***	***8***	***50***
ESL AC BALL COURSON COMPA	***141 CASPIAN***	***10***	***68***
ESL	***1330 GENEVA DR***	***14***	***75***
Not reported	***399 JAVA DRIVE***	***15***	***80***
Not reported	***1111 LOCKHEED MARTIN WA***	***23***	***144***
MOFFETT PARK AUTO CENTER	1135 MATHILDA AVE N	25	165
ONIZUKA AIR STATION	***1080 LOCKHEED***	***30***	***194***
PROFESSIONAL CENTER	***102 PERSIAN DR***	***34***	***201***
QUALITY TUNE UP	696 MATHILDA AVE N	44	243
TEXACO	724 MATHILDA AVE N	44	243
T & J GARAGE	***755 MATHILDA AVE N***	***44***	***250***
WDR-MICREL/LITRONIX	639 PASTORIA	48	274
SCR-FORMER AMPEX FACILITY	***728 SAN ALESO***	***49***	***274***
SAND CITY PUMPING STATION	629 MATHILDA	50	278
VERBATIM A KODAK COMPANY	***435 INDIO WAY***	***53***	***293***

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 01/08/2007 has revealed that there is 1 SWRCY site within the searched area.

Site	Address	Map ID	Page
GREEN TEAM ZANKER	***301 CARL RD***	***3***	***33***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/09/2007 has revealed that there are 39 LUST sites within the searched area.

Site	Address	Map ID	Page
MOFFETT NAVAL AIR STATION Facility Status: Preliminary site assessment underway	***MOFFETT FIELD NAS***	***0***	***3***
SUNNYVALE SOLID WASTE DISP	***CARIBBEAN DRIVE***	***2***	***29***
CITY OF SUNNYVALE, BOP/RECYCLI	164 CARL RD	3	40
CITY OF SUNNYVALE, BOP/RECYLCL Facility Status: Case Closed	164 CARL ROAD	3	40
FEDERAL EXPRESS STATION Facility Status: Case Closed	***1395 BORREGAS AVE***	***8***	***50***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
FEDERAL EXPRESS	1395 BORREGAS AVE	8	53
ESL/AC BALL/COURSON CO.	***133 CASPIAN CT***	***10***	***60***
Facility Status: Case Closed			
AC BALL MENLO CASPIAN	***141 CASPIAN CT***	***10***	***62***
Facility Status: Case Closed Facility Status: Case Closed			
1320-1322 BOURDEAUX DRIVE	***1320-1322 BORDEAUX DRIV***	***11***	***70***
Facility Status: Case Closed			
ESL	***1330 GENEVA DR***	***14***	***75***
Facility Status: Case Closed			
DII ORBIT SEMICONDUCTOR (FORME	***1230 BORDEAUX DR***	***18***	***104***
Facility Status: Case Closed			
PAN AMERICAN SAVINGS	***165 GILBRALTAR CT***	***19***	***119***
Facility Status: Case Closed			
LOCKHEED MISS. & SPACE CO.	***1111 LOCKHEED WY***	***23***	***130***
Facility Status: Pollution Characterization			
PACIFIC BELL	1140 N MATHILDA AVE	25	158
PACIFIC BELL	***1140 NORTH MATHILDA***	***25***	***159***
Facility Status: Case Closed			
MOFFET PARK AUTO CENTER	1135 N MATHILDA AVE	25	165
MOFFET PARK AUTO CENTER	***1135 N MATHILDA AVE***	***25***	***165***
Facility Status: Case Closed			
MOFFETT PARK DR MCCANDLESS	215 MOFFETT PARK BLVD	29	185
Facility Status: Pollution Characterization			
PROFESSIONAL CENTER	***102 PERSIAN DR***	***34***	***201***
Facility Status: Pollution Characterization			
CALIFORNIA MICROWAVE INC	***985 ALMANOR AVE***	***37***	***207***
Facility Status: Post remedial action monitoring			
EXAR CORP	***750 PALOMAR AVENUE***	***41***	***216***
Facility Status: Preliminary site assessment underway			
645/675 ALMANOR, ET AL	***645/675 ALMANOR AVE***	***41***	***227***
Facility Status: Post remedial action monitoring			
LITTON APPLIED TECHNOLOGY	***525 ALMANOR AVENUE***	***42***	***228***
Facility Status: Leak being confirmed Facility Status: Pollution Characterization			
QUALITY TUNE-UP #2	***696 N MATHILDA AVE***	***44***	***241***
Facility Status: Case Closed			
QUALITY TUNE-UP #2	696 N MATHILDA AVE	44	243
TEXACO	***724 N MATHILDA AVE***	***44***	***244***
Facility Status: Pollution Characterization			
T & J GARAGE	755 N MATHILDA AVE	44	245
THRIFTY #165	773 N MATHILDA AVE	44	246
THRIFTY #165	***773 N MATHILDA AVE***	***44***	***246***
Facility Status: Case Closed			
SHELL	776 N MATHILDA AVE	44	248
SHELL	***776 N MATHILDA AVE***	***44***	***248***
Facility Status: Case Closed			
T & J GARAGE	***755 MATHILDA AVE N***	***44***	***250***
Facility Status: Case Closed			

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
PACE DISTRIBUTORS	828 W AHWANEE AVE	44	261
VENTRITEX INTERSIL Facility Status: Leak being confirmed	***610 PASTORIA AVE N***	***48***	***268***
SIEMENS MICROELECTRONICS INC Facility Status: Remedial action (cleanup) Underway	***639 NORTH PASTORIA AVE***	***48***	***272***
AMPEX - SUNNYVALE Facility Status: Case Closed	***728 SAN ALESO***	***49***	***276***
ZYMOS CORP Facility Status: Leak being confirmed Facility Status: Preliminary site assessment workplan submitted	***477 N MATHILDA AVE***	***51***	***278***
DATA GENERAL CORPORATION SUNNY Facility Status: Case Closed	***433 NORTH MATHILDA AVEN***	***52***	***286***
ANACOMP INC Facility Status: Case Closed	***305 SOQUEL WY AND***	***54***	***295***

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 6 CA FID UST sites within the searched area.

Site	Address	Map ID	Page
SUNNYVALE RECYCLING CENTER	***1444 BORREGAS AVE***	***4***	***43***
MOFFET PARK AUTO CENTER	***1135 N MATHILDA AVE***	***25***	***165***
ONIZUKA AIR FORCE BASE	***1080 LOCKHEED WAY***	***30***	***188***
SUNNYVALE TECHNOLOGY CENTER	***894 ROSS DR***	***35***	***203***
SUNNYVALE TECHNOLOGY CENTER	***892 ROSS DR***	***35***	***204***
EXAR	***750 PALOMAR***	***41***	***215***

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 01/09/2007 has revealed that there are 13 SLIC sites within the searched area.

Site	Address	Map ID	Page
AC BALL MENLO CASPIAN Facility Status: Case Closed	***141 CASPIAN CT***	***10***	***62***
1320-1322 BOURDEAUX DRIVE	***1320-1322 BORDEAUX DRIV***	***11***	***70***
DII ORBIT SEMICONDUCTOR (FORME Facility Status: Case Closed	***1230 BORDEAUX DR***	***18***	***104***
PAN AMERICAN SAVINGS	***165 GILBRALTAR CT***	***19***	***119***
CALIFORNIA MICROWAVE INC Facility Status: Verification Monitoring Underway	***985 ALMANOR AVE***	***37***	***207***
645/675 ALMANOR, ET AL Facility Status: Verification Monitoring Underway	***645/675 ALMANOR AVE***	***41***	***227***
LITTON APPLIED TECHNOLOGY	***525 ALMANOR AVENUE***	***42***	***228***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
VENTRITEX INTERSIL	***610 PASTORIA AVE N***	***48***	***268***
SIEMENS MICROELECTRONICS INC Facility Status: Remedial Action Underway	***639 NORTH PASTORIA AVE***	***48***	***272***
AMPEX - SUNNYVALE Facility Status: Case Closed	***728 SAN ALESO***	***49***	***276***
ZYMOS CORP	***477 N MATHILDA AVE***	***51***	***278***
DATA GENERAL CORPORATION SUNNY Facility Status: Case Closed	***433 NORTH MATHILDA AVEN***	***52***	***286***
ANACOMP INC Facility Status: Case Closed	***305 SOQUEL WY AND***	***54***	***295***

HIST LUST SANTA CLARA: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 12 HIST LUST sites within the searched area.

Site	Address	Map ID	Page
FEDERAL EXPRESS STATION	***1395 BORREGAS AVE***	***8***	***50***
ESL/AC BALL/COURSON CO.	***133 CASPIAN CT***	***10***	***60***
LOCKHEED MISS. & SPACE CO.	***1111 LOCKHEED WY***	***23***	***130***
PACIFIC BELL	***1140 NORTH MATHILDA***	***25***	***159***
MOFFET PARK AUTO CENTER	***1135 N MATHILDA AVE***	***25***	***165***
ONIZUKA AIR FORCE STATION	1080 LOCKHEED WY	30	187
PROFESSIONAL CENTER	***102 PERSIAN DR***	***34***	***201***
QUALITY TUNE-UP #2	***696 N MATHILDA AVE***	***44***	***241***
TEXACO	***724 N MATHILDA AVE***	***44***	***244***
T & J GARAGE	755 N MATHILDA AVE	44	246
THRIFTY #165	***773 N MATHILDA AVE***	***44***	***246***
SHELL	***776 N MATHILDA AVE***	***44***	***248***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board’s Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/09/2007 has revealed that there are 3 UST sites within the searched area.

Site	Address	Map ID	Page
SUNNYVALE SMART STATION	***301 CARL RD***	***3***	***32***
SUNNYVALE RECYCLING CENTER	***164 CARL RD***	***3***	***39***
PACIFIC BELL	***1140 NORTH MATHILDA***	***25***	***159***

EXECUTIVE SUMMARY

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 15 HIST UST sites within the searched area.

Site	Address	Map ID	Page
RECYCLING CENTER	1444 BORREGAS AVE	4	46
FEDERAL EXPRESS CORPORATION	1395 BORREGAS AVE	8	49
KOLTRON CORPORATION	1380 BORDEAUX DR	9	58
SUPERTEX, INC.	1225 BORDEAUX DR	18	96
COMDIAL TECHNOLOGY DIVISION	1230 BORDEALIX DR.	18	114
UTAH INTERNATIONAL INC. MINERA	1190 BORDEAUX DR	22	129
PACIFIC BELL	***1140 NORTH MATHILDA***	***25***	***159***
MOFFETT PARK AUTO REPAIR CENTE	1135 N MATHILDA AVE	25	168
LMSC FACILITY 1,2, & 5	1111 LOCKHEED WAY	26	171
SUNNYVALE AIR FORCE STATION	1080 LOCKHEED WAY	30	187
EXAR	***750 PALOMAR***	***41***	***215***
PHOTRONICS INCORPORATED	***695 VAQUEROS AVE.***	***47***	***265***
ZYMOS CORP	***477 N MATHILDA AVE***	***51***	***278***
DATA GENERAL CORPORATION SUNNY	***433 NORTH MATHILDA AVEN***	***52***	***286***
ANACOMP INC	***305 SOQUEL WY AND***	***54***	***295***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 11/02/2006 has revealed that there are 3 AST sites within the searched area.

Site	Address	Map ID	Page
WATER POLLUTION CONTROL PLANT	1444 BORREGAS AVE.	4	46
VERIAS SOFTWARE INC.	222 CASPIAN DRIVE	10	58
ONIZUKA AIR STATION	***1080 LOCKHEED***	***30***	***194***

SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 9 SWEEPS UST sites within the searched area.

Site	Address	Map ID	Page
SUNNYVALE SMART STATION	***301 CARL RD***	***3***	***32***
SUNNYVALE RECYCLING CENTER	***164 CARL RD***	***3***	***39***
LOCKHEED B/071	***1111 LOCKHEED WAY***	***23***	***149***
PACIFIC BELL	***1140 NORTH MATHILDA***	***25***	***159***
MOFFET PARK AUTO CENTER	***1135 N MATHILDA AVE***	***25***	***165***
ONIZUKA AIR FORCE BASE	***1080 LOCKHEED WAY***	***30***	***188***
SUNNYVALE TECHNOLOGY CENTER	***894 ROSS DR***	***35***	***203***
SUNNYVALE TECHNOLOGY CENTER	***892 ROSS DR***	***35***	***204***
EXAR	***750 PALOMAR***	***41***	***215***

EXECUTIVE SUMMARY

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2004 has revealed that there are 4 CHMIRS sites within the searched area.

Site	Address	Map ID	Page
Not reported Date Completed: 20-OCT-90	***1444 BORREGAS***	***4***	***44***
Not reported Date Completed: 01-APR-90	***399 JAVA DRIVE***	***15***	***80***
Not reported	***1111 LOCKHEED MARTIN WA***	***23***	***144***
Not reported Date Completed: 06-OCT-89	1116 NORTH MATHILDA	25	157

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within the searched area.

Site	Address	Map ID	Page
YELLOW FREIGHT SYSTEMS, INC.	1220 NORTH FAIR OAKS AV	27	181

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CLEANERS list, as provided by EDR, and dated 04/18/2005 has revealed that there is 1 CLEANERS site within the searched area.

Site	Address	Map ID	Page
FIRST VEHICLE SERVICES	1383 BORREGAS AVE	10	59

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, and dated 11/28/2006 has revealed that there is 1 RESPONSE site within the searched area.

Site	Address	Map ID	Page
CALIFORNIA MICROWAVE INC	***985 ALMANOR AVE***	***37***	***207***

EXECUTIVE SUMMARY

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2005 has revealed that there are 47 HAZNET sites within the searched area.

Site	Address	Map ID	Page
GREEN TEAM ZANKER	***301 CARL RD***	***3***	***33***
GREEN TEAM ZANKER	***301 CARL ROAD***	***3***	***35***
SUNNYVALE RECYCLING CENTER	***1444 BORREGAS AVE***	***4***	***43***
ORCHARD FACILITY SERVICES	380 CARIBBEAN	6	48
FEDERAL EXPRESS STATION	***1395 BORREGAS AVE***	***8***	***50***
TECHNITRON INC	***1366 BORDEAUX DR***	***9***	***54***
GREAT WESTERN BANK	***1380 BORDEAUX DR***	***9***	***55***
AC BALL MENLO CASPIAN	***141 CASPIAN CT***	***10***	***62***
ESL AC BALL COURSON COMPA	***141 CASPIAN***	***10***	***68***
INFINERA CORPORATION	***1322 BORDEAUX DR***	***11***	***71***
ESL	***1330 GENEVA DR***	***14***	***75***
SPECTRIAN	***350 W JAVA DRIVE***	***15***	***77***
LOCKHEED MISSLES & SPACE CO	***169 JAVA DR B535***	***16***	***86***
AG ASSOCIATES	***1325 BORREGAS AVE***	***16***	***88***
MEGASENSE INC	***1215 BORDEAUX DR***	***18***	***92***
SUPERTEX, INC.	***1225 BORDEAUX DR***	***18***	***98***
DII ORBIT SEMICONDUCTOR (FORME	***1230 BORDEAUX DR***	***18***	***104***
ORBIT SEMICONDUCTOR, INC.	***1230 BORDEAUX DR***	***18***	***107***
OEPIC INC	***1231 BORDEAUX DR***	***18***	***115***
SPECTRIAN	***160 GIBRALTER CT***	***19***	***121***
CREE MICROWAVE, INC.	***160 GIBRALTAR CT***	***19***	***123***
Not reported	***1111 LOCKHEED MARTIN WA***	***23***	***144***
LOCKHEED B/071	***1111 LOCKHEED WAY***	***23***	***149***
PACIFIC BELL	***1140 NORTH MATHILDA***	***25***	***159***
LOCKHEED MISSILES & SPACE CO	***1178 BORDEAX DRIVE B573***	***28***	***182***
ONIZUKA AIR FORCE BASE	***1080 LOCKHEED WAY***	***30***	***188***
ONIZUKA AIR STATION	***1080 LOCKHEED***	***30***	***194***
LOCKHEED MISSILES & SPACE CO	***375 MOFFETT PARK DRIVE***	***31***	***198***
LOCKHEED MARTIN OPERATIONS GRO	155 B2 MOFFETT PARK DR	33	200
EXAR CORP	***750 PALOMAR AVENUE***	***41***	***216***
TOPAZ TECHNOLOGIES	***783 PALOMAR AVE***	***41***	***220***
CALLIDA GENOMICS INC	***670 ALMANOR AVE***	***41***	***222***
INTERGRADED SILICONE SOLUTION	675 ALMANOR AVE, #102	41	223
NUVELO	***675 ALMANOR AVE***	***41***	***224***
HYSEQ INC	675 ALMANOR AVE	41	225
DA LES AUTO BODY	***728 SAN ALESO AVENUE***	***43***	***236***
SHELL	***776 N MATHILDA AVE***	***44***	***248***
SUNNYVALE AUTO BODY	***505 ALMANOR AVENUE***	***44***	***252***
NIMBUS SOFTWARE SVCS	***520 ALMANOR AVE***	***44***	***257***
SIRENZA MICRODEVICES	***522 ALMANOR AVE***	***44***	***259***
NEOCONIX INC	***715 N PASTORIA***	***45***	***261***
HYBRID CIRCUITS INC	***733 PASTORIA AVE***	***45***	***262***
CALLIDA GENOMICS INC	***750 N PASTORIA AVE***	***45***	***263***
PHOTRONICS INCORPORATED	***695 VAQUEROS AVE.***	***47***	***265***
SCR-FORMER AMPEX FACILITY	***728 SAN ALESO***	***49***	***274***
ZYMOS CORP	***477 N MATHILDA AVE***	***51***	***278***
DATA GENERAL CORPORATION SUNNY	***433 NORTH MATHILDA AVEN***	***52***	***286***

EXECUTIVE SUMMARY

Emissions Inventory Data: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2004 has revealed that there are 16 EMI sites within the searched area.

Site	Address	Map ID	Page
GREEN TEAM ZANKER	***301 CARL ROAD***	***3***	***35***
SPECTRIAN	***350 W JAVA DRIVE***	***15***	***77***
Not reported	***399 JAVA DRIVE***	***15***	***80***
MEGASENSE INC	***1215 BORDEAUX DR***	***18***	***92***
SUPERTEX, INC.	***1225 BORDEAUX DR***	***18***	***98***
ORBIT SEMICONDUCTOR, INC.	***1230 BORDEAUX DR***	***18***	***107***
OEPIC INC	***1231 BORDEAUX DR***	***18***	***115***
CREE MICROWAVE, INC.	***160 GIBRALTAR CT***	***19***	***123***
PACIFIC BELL	***1140 NORTH MATHILDA***	***25***	***159***
ONIZUKA AIR FORCE BASE	***1080 LOCKHEED WAY***	***30***	***188***
EXAR CORP	***750 PALOMAR AVENUE***	***41***	***216***
LITTON APPLIED TECHNOLOGY	***525 ALMANOR AVENUE***	***42***	***228***
DA LES AUTO BODY	***728 SAN ALESO AVENUE***	***43***	***236***
SUNNYVALE AUTO BODY	***505 ALMANOR AVENUE***	***44***	***252***
SMI HOLDING, LLC C/O LEVINE FR	***639 N PASTORIA AVENUE***	***48***	***270***
VERBATIM A KODAK COMPANY	***435 INDIO WAY***	***53***	***293***

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 11/28/2006 has revealed that there are 12 ENVIROSTOR sites within the searched area.

Site	Address	Map ID	Page
SUNNYVALE NIROP Facility Status: Refer: RWQCB	***1111 LOCKHEED WAY, BLDG***	***1***	***27***
ESL AC BALL COURSON COMPA Facility Status: Refer: RCRA	***141 CASPIAN***	***10***	***68***
ORBIT SEMICONDUCTOR, INC. Facility Status: Inactive - Needs Evaluation	***1230 BORDEAUX DR***	***18***	***107***
ONIZUKA AIR STATION Facility Status: Refer: RWQCB	***1080 LOCKHEED***	***30***	***194***
CALIFORNIA MICROWAVE INC Facility Status: Refer: RWQCB	***985 ALMANOR AVE***	***37***	***207***
METARAMICS, INC Facility Status: No Further Action	1107 NORTH FAIROAKS AVE	38	211
LITTON APPLIED TECHNOLOGY Facility Status: Refer: RWQCB	***525 ALMANOR AVENUE***	***42***	***228***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
ACUREX CORPORATION Facility Status: Refer: Other Agency	433 CLYDE AVENUE	46	264
SMI HOLDING, LLC C/O LEVINE FR Facility Status: Refer: RWQCB	***639 N PASTORIA AVENUE***	***48***	***270***
DATA GENERAL CORPORATION SUNNY Facility Status: Refer: RWQCB	***433 NORTH MATHILDA AVEN***	***52***	***286***
VERBATIM A KODAK COMPANY Facility Status: Refer: RWQCB	***435 INDIO WAY***	***53***	***293***
ANACOMP MICROGRAPHICS FILM COA Facility Status: Refer: RWQCB	305 SOQUEL WAY	54	314

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

Database	Total Plotted
FEDERAL RECORDS	
NPL	1
Proposed NPL	0
Delisted NPL	0
NPL RECOVERY	0
CERCLIS	3
CERC-NFRAP	13
CORRACTS	5
RCRA TSD	5
RCRA Lg. Quan. Gen.	11
RCRA Sm. Quan. Gen.	64
ERNS	0
HMIRS	0
US ENG CONTROLS	1
US INST CONTROL	1
DOD	1
FUDS	0
US BROWNFIELDS	0
CONSENT	0
ROD	1
UMTRA	0
ODI	0
TRIS	0
TSCA	0
FTTS	0
SSTS	0
ICIS	0
RADINFO	0
CDL	0
LUCIS	0
PADS	0
MLTS	0
MINES	0
FINDS	66
RAATS	0
STATE AND LOCAL RECORDS	
Hist Cal-Sites	1
CA Bond Exp. Plan	0
SCH	0
Toxic Pits	1
State Landfill	2
CA WDS	8
WMUDS/SWAT	2
Cortese	16
SWRCY	1
LUST	39
CA FID UST	6

MAP FINDINGS SUMMARY

	Database	Total Plotted
	SLIC	13
	HIST LUST	12
	UST	3
	HIST UST	15
	AST	3
	SAN JOSE HAZMAT	0
	SWEEPS UST	9
	CHMIRS	4
	Notify 65	1
	DEED	0
	VCP	0
	DRYCLEANERS	1
	WIP	0
	CDL	0
	RESPONSE	1
	HAZNET	47
	EMI	16
	ENVIROSTOR	12
TRIBAL RECORDS		
	INDIAN RESERV	0
	INDIAN LUST	0
	INDIAN UST	0
EDR PROPRIETARY RECORDS		
	Manufactured Gas Plants	0

NOTES:

Sites may be listed in more than one database

Map ID	Site	Database(s)	EDR ID Number / EPA ID Number
NPL **Region**	**MOFFETT NAVAL AIR STATION** **MOFFETT FIELD NAS** **MOFFETT FIELD, CA 94035**	**CERCLIS** **LUST** **NPL** **ROD** **US ENG CONTROLS** **US INST CONTROL**	**1000228683** **CA2170090078**

CERCLIS:
Site ID: 0902734
Federal Facility: Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
Contact Name: Alana Lee
Contact Tel: (415) 972-3141
Contact Title: Remedial Project Manager (RPM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Yvonne W. Fong
Contact Tel: (415) 947-4117
Contact Title: Remedial Project Manager (RPM)

Contact Name: Sarah Kloss
Contact Tel: (415) 972-3156
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):
Alias Name: NAVAL AIR STATION MOFFETT FIELD
Alias Address: Not reported
CA
Alias Name: NAS MOFFETT FIELD
Alias Address: Not reported
CA
Alias Name: MOFFETT NAVAL AIR STATION
Alias Address: MOFFETT FIELD
MOUNTAIN VIEW, CA 94035
Alias Name: MOFFETT NAVAL AIR STATION
Alias Address: MOFFETT FIELD
SUNNYVALE, CA 94035
Alias Name: FORMER NAS MOFFETT FIELD
Alias Address: HWY 101 AT STEVENS CREEK
MOFFETT FIELD, CA 96815

Site Description: Moffett Field was continuously operated by the US military after it was commissioned in 1933 to support the West Coast Dirigibles of the lighter than air (LTA) program until 1994. In 1939, a permit was granted to Ames Aeronautical Laboratory to use part of the station. In 1942, the station was returned to Navy control and was named Naval Air Station Moffett Field. In late 1942, the heavier than air (HTA) program was initiated and began to take precedence over the LTA program. In 1945, the HTA program was moved and Moffett Field was used as a major overhaul and repair base. In 1949, the station became home to the Military Air Transport Service Squadron.By 1950, Moffett Field was the largest naval air transport base on the West Coast, and in 1953 it became home to all Navy fixed-wing land-based antisubmarine efforts. A weapons department was formed on the base in 1954, and in February 1966 the

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

base activated its high speed refueling facilities. During the station reorganization in 1973, it became the headquarters of the Commander Patrol Wings, US Pacific Fleet.During the 1980s and early 1990s, the mission of Moffett Field was to support antisubmarine warfare training and patrol squadrons, and it became the largest P-3 Orion patrol aircraft base in the world with nearly 100 aircraft. No heavy manufacturing or major aircraft maintenance was conducted, but a significant amount of unit and intermediate level maintenance occurred. In April 1991, Moffett Field was designated for closure, and on July 1, 1994, control of the base was transferred to National Aeronautics and Space Administration (NASA).Wastes have been generated at Moffett Field through maintenance operations, fuel management, and fire training since the early 1930s. Chemicals of potential concern include waste oils and jet fuels; solvents and cleaners; washing compounds; and lesser amounts of gasoline, hydraulic fluids, asbestos, paints, pesticides, battery acid, and PCBs.Wastes were disposed of in unlined landfills, drained through drainage ditches and unpaved areas, and stored temporarily in unlined wastewater ponds. In addition, some underground storage tanks (USTs) and sumps were found to have leaked petroleum hydrocarbons and fuels, and lesser amounts of waste oils and solvents.Environmental studies were initiated at Moffett Field in 1984. The Navy began conducting these environmental restoration activities as part of the Department of Defense Installation Restoration Program (IRP). The Navy conducted an initial assessment study (IAS) in 1984 to gather data on the past use and disposal of hazardous materials at the base. Nineteen sites were identified as potential sources of wastes, including nine sites identified in the IAS and 10 sites added during subsequent investigations. Five additional sites were identified during field investigation in the early 1990s. The Environmental Protection Agency (EPA) proposed placing Moffett Field on the National priorities List (NPL) in June 1986, and it was placed on the NPL in 1987. The Remedial Investigation and Feasibility Study (RI/FS) is coordinated through the August 1990 federal facilities agreement (FFA) with EPA and the California Environmental Protection Agency. The RI was implemented in two phases. The Phase I characterization was complete in August 1990. The Phase II investigations were initiated in 1990 to provide more detailed, site specific data.In October, 1992 EPA determinedthat the aquifers on the western side of Moffett Field were affected by a regional volatile organic compound (VOC) plume emanating from the Middlefield-Ellis-Whisman (MEW) Superfund site south of Moffett Field. EPA determined that these aquifers were subject to the 1989 Record of Decision (ROD) already written for the MEW site and would be remediated per the MEW ROD. Consequently, OU4 was deleted and OU5 was modified to include all aquifers not part of the regional plume.In May 1989, the Navy developed a community relations plan (CRP). The OU5 RI report was released in August 1993. The OU5 FS report was released in August 1995 Moffett Field. The proposed plan for remediation of OU5 was released to the public in October, 1995. A public comment period was held from October 27, 1995 through November 30, 1995 with a public meeting on November 16, 1995.Moffett Field has been continuously operated by the U.S. military since it was commissioned in 1933. In 1945, Moffett Field was used as a major overhaul and repair base. In 1954, a weapons department was formed at the base, and then during the 1980s and early 1990s, the mission of Moffett Field was to support antisubmarine warfare training and patrol squadrons. Noheavy manufacturing or major aircraft maintenance was conducted at Moffett Field, but a significant amount of unit- and intermediate-level maintenance occurred. In April 1991, Moffett Field was designated for closure as an active military base under the Department of Defense Base Realignment and Closure (BRAC) program. After closure, control of the base was transferred to the National Aeronautics and Space Administration (NASA), however, the Navy will continue with environmental restoration

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

activities and remain responsible for remediating Navy contaminant sources.Wastes have been generated at Moffett Field through maintenance operations, fuel management, and fire training since the early 1930s. Chemicals of potential concern include waste oils and jet fuels; solvents and cleaners; washing compounds; and lesser amounts of gasoline, hydraulic fluids, asbestos, paints, pesticides, battery acid, and polychlorinated biphenyls (PCBs). Wastes were disposed of in unlined landfills, drained through drainage ditches and unpaved areas, and stored temporarily in unlined wastewater ponds. In addition, some underground storage tanks and sumps (many of them now removed) were found to have leaked petroleum hydrocarbons and fuels, andlesser amounts of waste oils and solvents.Environmental studies were initiated at Moffett Field in 1984 with an initial assessment of past use and disposal of hazardous materials. Nineteen sites were identified as potential waste sources.Remedial Investigation/Feasibility Study (RI/FS) work was coordinated through the August 1990 Federal Facilities Agreement with EPA and the State. The Phase I RI characterization was completed in August 1990. The more detailed Phase II investigations identified the need to separate the site into six Operable Units (OUs).MMoffett Federal Airfield (MFA) is located in California, 35 miles south of San Francisco, 10 miles north of San Jose, and about 1 mile south of the southwestern edge of San Francisco Bay, in Santa Clara County, California. The facility encompasses 2,200 acres in Santa Clara County; the facility address is Moffett Federal Airfield, Moffett Field, California 94035. MFA is bounded by Cargill saltwater evaporation ponds to the north, Stevens Creek to the west, U.S. Highway 101 (Bayshore Freeway) to the south, and the Lockheed Martin Aerospace Center to the east. Several industrial facilities are located south of the Bayshore Freeway. In particular, a group of companies is located in a 0.5-square-mile area, bounded by U.S. Highway 101. Middlefield Road, Ellis Street, and Whisman Road (MEW). This area is known as the MEW Superfund study area and contains three Superfund sites. MFA also borders the cities of Mountain View and Sunnyvale, California. The City of Sunnyvale is located south andeast of MFA; the City of Mountain View borders MFA on the south and west. The National Aeronautics and Space Agency's (NASA's) Ames Research Center is located west and north of the runways.The U.S. military continuously operated MFA as Naval Air Station (NAS) Sunnyvale from its date of commission in April 1933 until it was transferred to NASA on July 1, 1994. The Navy used the station as an air base until October 1935, when it was transferred to the Army Air Corps for use as a training base. During the Army's tenure, the National Advisory Committee for Aeronautics (NACA) established Ames Research Center in December 1939 on land adjacent to MFA. The base returned to Navy control and was renamed NAS Moffett Field in April 1942. By 1950, NAS Moffett Field was the largest naval air transport base on the West Coast and became the first all-weather air station. In 1958, NACA became NASA and Ames Research Center became the NASA Ames Research Center.Between 1973 and 1994, the mission of NAS Moffett Field involved support of antisubmarine warfare training and patrol squadrons. At one point, MFA was the largest P-3 base in the world, with nearly 100 P-3C Orion patrol aircraft. These aircraft were assigned to nine squadrons, supported by 5,500 military, 1,500 civilian, and 1,000 reservist personnel. No heavy manufacturing or major aircraft maintenance was conducted at NAS Moffett Field during the last mission; instead, mostly unit- and intermediate-level maintenance occurred. In April 1991, the station was designated for closure as an active military base under the U.S. Department of Defense (DoD) Base Realignment and Closure (BRAC) program. NASA assumed control of the base beginning in July 1994. Military housing units and associated facilities were transferred to Onizuka Air Force Base at the same time. NAS Moffett Field was then renamed MFA.Since the early 1980s, DoD has been identifying, evaluating, and controlling the spread of contaminants from historical hazardous waste sites as part of the Installation Restoration

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Program (IRP) at MFA. This work is coordinated through a Federal Facility Agreement with the U.S. Environmental Protection Agency (EPA) and the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). The Navy is the lead agency for this work. The Navy and NASA signed a memorandum of understanding (MOU) on December 22, 1992, concerning environmental activities at the station. Under the MOU, the Navy will continue with environmental restoration and will remain responsible for remediating Navy contaminant sources. NASA is responsible for non-environmental operations and ongoing environmental compliance.NASA is planning to develop a world-class, shared-use educational and research and development campus at Moffett Field, California, in association with government entities, academia, industry, and nonprofit organizations. The NASA Ames Development Plan includes proposed development of four areas: -NASA Research Park: A 213-acre parcel located between Ames Research Center facilities, MFA, U.S. Highway 101, and the military housing area-Eastside/Airfield District: A 952-acre parcel that includes MFA and property located east of the airfield-Bay View District: A 95-acre parcel located north of the Ames Research Center facilities-Ames Research Center Facilities: A 240-acre parcel comprising the existing NASA Ames Research Center campusSurface water channels and ditches will be maintained for drainage purposes. Groundwater is not currently used at MFA. The only exception is water from a single well screened in the deep C aquifer (deeper than 155 feet below ground surface) used by NASA for fire fighting, composting, and agricultural purposes.This well is located in the northwestern corner of the Ames Research Center area. Public water is supplied to MFA from the Hetch Hetchy aqueduct owned by the City of San Francisco. Groundwater is unlikely to be used as a water supply source in the future because of poor ambient quality and low formation yield to a well. NASA’s draft Programmatic Environmental Impact Statement does not consider development of groundwater as a future water supply source.EPA proposed MFA as a National Priorities List (NPL) site in June 1986, and MFA was included on the NPL in July 1987. Inclusion on the NPL initiated the Remedial Investigation (RI) and Feasibility Study (FS) process, as required by the CERCLA.The Navy began environmental studies at MFA in 1984. Twenty sites were originally identified as IRP sites at MFA. Investigations during the station-wide RI identified six additional, potentially contaminated sites. Only three sites were assigned numbers (Sites 21 through 23), and none of the additional sites was designated as an operable unit (OU). The six additional sites, which were investigated under the CERCLA program, are: Site 21, Site 22, Site 23, the Weapons Storage Bunkers, the former Industrial Wastewater Flux Ponds,and an ephemeral wetland located at an improperly abandoned agricultural well. Later, the Navy defined four additional sites (Sites 25 through 28), originally included as parts of other sites under previously established OUs. These sites include Site 25, the Eastern Diked Marsh and stormwater retention pond (included in OU6); Site 26, the east side aquifers (included in OU5); Site 27, the Northern Channel (included in OU6); and Site 28, the west side aquifers. All of the sites identified were investigated under the CERCLA program. The current OU definitions and study areas are:OU1: Soils and groundwater at Sites 1 and 2 landfillsOU2-East: Soils at Sites 3, 4, 6, 7, 10 (runways), 11, and 13OU2-West: Soils at Sites 8, 10 (Chase Park), 14-North, 16, 17, and 18OU5: Aquifers on the eastern side of MFA that are not part of the regional plume or OU1 (Site 26)OU6: Wetland areas, Sites 25 and 27Petroleum Sites: Sites 5, 9, 12, 14-South, 15, 19, 20, and 24Additional Sites: Sites 21, 22, 23, Weapons Storage Bunkers, upland soil areas, Human Health Risk Assessment (HHRA) Exposure Area 4158, former Industrial Wastewater Flux Ponds, and the abandoned former agricultural well.Human health and ecological risk assessments were conducted as part of the station-wide RI. As agreed upon by the Navy, EPA, and RWQCB, six sites were recommended for No Action (formally referred to as No Further Action) in the

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2001 Final Addendum to the Revised Final Station-wide Feasibility Study Report and have been addressed separately from the IR program. These sites are: Site 23, Golf Course Fill Area 3; Weapons Storage Bunkers; Former Industrial Wastewater Flux Ponds; Former Abandoned Agricultural Well; Upland Soils (areas that support upland plant communities); Station-wide Remedial Investigation HHRA Exposure Areas 3782, 3785, 3974, 4090, and 4158. The addendum to the report provides additional documentation to support the No Action recommendations for these sites. Two of the sites, Industrial Wastewater Flux Ponds and Former Abandoned Agricultural Well, were closed with concurrences from EPA or Santa Clara Valley Water District; therefore, they were not considered further in the CERCLA process. Three of the HHRA exposure areas, 3782, 3785, and 3974, are being addressed as part of other remedial actions or maintenance programs.The remaining No Action Sites (Site 23-Golf Course Fill Area 3, Weapons Storage Bunkers, Upland Soils, HHRA Exposure Area 4090, and HHRA Exposure Area 4158) were included in the Proposed Plan. The Proposed Plan was made available to the public during a formal comment period from December 15, 2001 through January 28, 2002. A public meeting was held on January 10, 2002 and a responsiveness summary was issued on May 28, 2002. As the proposed plan and earlier versions of the ROD suggest, HHRA Exposure Area 4090 was listed as a No Action Site even though this area was included in the station-wide ecological assessment for wetland areas being addressed under a separate action (Site 27). Because there are potential risk issues associated with this site, the HHRA Exposure Area 4090 is no longer identified as a No Action Site in this ROD. Instead, this site will be addressed under the ongoing Site 27 investigation.Site 23 Golf Course Fill Area:Site 23 is located on 2 acres, just south of the Northern Weapons Bunker area, in the western portion of the golf course. Golf Course Fill Area 3 is shown in aerial photographs taken in 1977 as one of several ponds on the golf course. Three of the ponds on the golf course were dry, and some debris was visible in the area of Golf Course Fill Area 3 in an aerial photograph taken in 1987. No information on the source of the material discarded in this area could be found. However, numerous small piles of soil, concrete, disaggregated asphalt, grass clippings, and mulch were identified during a site walk conducted in March 1994. In addition, some airplane parts, consisting of several pieces of aluminum (brought to Site 23 for disposal after a plane crashed at MFA), and some electronics equipment were found in the area. A magnetometer survey of this area was conducted in 1995. The results of the survey do not indicate that significant quantities of metallic materials were buried at the site. This evidence instead suggests that the area was never trenched and was used primarily for incidental disposal of excess soil and debris from the golf course.A No Further Action RODwas completed for Site 23 on August 19, 2002.Weapons Storage Bunkers:There are two groups of weapons storage bunkers: the Northern Weapons Storage Bunkers and the Southern Weapons Storage Bunkers. The weapons storage bunkers are located in two fenced areas in the northeastern portion of MFA, near the golf course. The Northern Weapons Storage Bunkers cover about 5 acres and include seven high-explosive magazines. The Southern Weapons Storage Bunkers cover about 10 acres and include nine high-explosive magazines.Each magazine consists of a heavy-gauge, corrugated steel arch that forms its roof and sides. The floors of the magazines are concrete, without drains. Each magazine is about 30 feet long, 20 feet wide, and 20 feet high. The magazines are covered with soil, forming long, earth-covered bunkers. Only one magazine in the Northern Weapons Storage Bunkers is still used and stores ammunition for the California Air National Guard. The Northern Weapons Storage Bunkers contained two diesel storage tanks. One of the tanks was removed in 1992, and the other tank was removed in 1994. No source for or evidence of contamination was identified in the Southern Weapons Storage Bunkers.A site inspection at the Northern Weapons Storage Bunkers in May 1994 found that the cement apron on the southern side

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was free of staining or significant cracking, and the buildings were released for unrestricted use. The high-explosive magazines at the Northern Weapons Storage Bunkers also were investigated for radioactive contamination; however, no radioactivity was found.An inventory revealed two diesel storage tanks in this area. Tank 22 was a 600-gallon underground storage tank that held diesel fuel and was removed in 1992; Tank 102, a 55-gallon aboveground storage tank that contained diesel fuel, was removed in April 1994. Tanks 22 and 102 are evaluated and closed separately from CERCLA sites under the policy and guidance of RWQCB. Closure of Tank 22 is documented in the Phase I petroleum sites closure report. Tank 102 is being investigated during the Phase III tank investigation. The Phase III investigation involves tanks that require further assessment for closure. This work may include document research, sampling, and geophysical surveys. The results of this work will be included in the Phase III petroleum sites closure report.No soil samples were collected at the Southern Weapons Storage Bunkers, because no source for, or evidence of, soil contamination was identified. Based on the Navy’s stated historical use of the bunkers, the Southern Weapons Storage Bunkers were not tested for radioactive contamination before they were transferred to the California Air National Guard in 1994. There is no reason to suspect that these facilities were used for storage of radioactive materials.Groundwater in the area of the weapons storage bunkers is addressed separately as part of OU5. OU5 includes all aquifers that are not affected by the regional plume in groundwater. As part of the RI for OU5, data for groundwater samples from all wells on the eastern side of the base, including monitoring wells near the weapons storage bunkers, were evaluated and are addressed in the OU5 ROD.A No Further Action ROD was completed for the Weapons Storage Bunkers August 19, 2002.Upland Soils:Upland soils are areas of MFA that support upland plant communities and include virtually all areas at the airfield that are not covered by ditches, marshes, or wetlands. Human activity has been significant in these areas. Certain areas of upland soils, such as open grassy areas and the edges of golf courses and recreational fields, are actively managed as burrowing owl habitat, but the majority of upland soils areas are either paved, landscaped, or have been altered substantially by land use during the last 100 years. A No Further Action ROD was completed for the Upland Soils area on August 19, 2002.Area 4158:HHRA Exposure Area 4158 is located slightly south, but almost adjacent to IRP Site 11 - Engine Test Stand Area.A No Further Action ROD was completed for the Human Health Risk Assessment Area 4158 on August 19, 2002.OU 7The Site 22 Landfill is located in the northeastern corner of MFA. The Site 22 Landfill covers approximately 9.4 acres and contains an estimated total refuse (waste) volume of 92,000 cubic yards. The site was used as an active landfill from 1950 through 1967. The refuse is believed to consist primarily of domestic waste, as confirmed through exploratory trenching. Results of environmental investigations indicate that in some places, the waste is located beneath the groundwater table, while in others, waste is located near the surface (above the groundwater table).The Site 22 Landfill now underlies holes 6 and 7 of a golf course, which is operated by the United States Air Force. The fairway and putting greens for these holes are located on top of the landfill. The rough for holes 6 and 7, which contains trees, is on the sloped part of the landfill. Soil borings and trenching indicate that most of the landfill is covered with approximately 1.5 feet of soil; however, soil thickness in a few areas is less than 1 foot.The Site 22 Landfill was characterized in the Final Station-wide RI Report and the Additional Sites Investigation Phase II Draft Final Report. Because operating records do not exist for the Site 22 Landfill, the history of the landfill was researched by studying aerial photographs and historical maps of the area and interviewing base personnel. This review indicated that the landfill was active from 1950 to 1967. Base personnel reported that Site 22 was used as a municipal landfill after the landfill at Site 2 was closed. Visual

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characterization of waste excavated at Site 2 confirmed that Site 2 contained primarily domestic waste; therefore, it was expected (and later confirmed) that the Site 22 Landfill also contained domestic waste. In 1973, theSite 22 Landfill was converted into holes 6 and 7 of the MFA golf course.In April 1998, an additional investigation was initiated to provide supplemental information about the Site 22 Landfill and its surrounding area. As part of this additional investigation, exploratory trenches were dug to further evaluate the vertical and horizontal extent of refuse within the landfill. The exploratory trenching uncovered municipal waste such as old tires, newspapers, vacuum tubes, and shampoo bottles. Based on the results of the trenching, the extent of the landfill was estimated to be approximately 9.4 acres, and the volume of refuse was estimated at approximately 92,000 cubic yards.The Air Force operates and maintains the golf course located in the northeast corner of the facility, which encompasses the Site 22 Landfill. The golf course has been maintained and operated for over 30 years, and there are no plans to change the land use of this area. It is therefore, likely that the Site 22 Landfill will remain part of the golf course. The selection and screening of remedial alternatives was thus conducted based on the premise that continued use as a golf course is the most likely future land use scenario, which has been confirmed with NASA personnel.A ROD addressing OU 7 was completed in June 2002.OU 8:Site 27 includes the Northern Channel, related ditches that drain into the Northern Channel, the berms along either side of the Northern Channel, and the debris pile near the Building 191 lift station. The Northern Channel is located near the northeastern boundary of the former NAS Moffett Field. Historically, the Northern Channel has received stormwater runoff from the former NAS Moffett Field and NASA Ames Research Center. Portions of the Northern Channel that are owned by Lockheed, Cargill Salt, and the Santa Clara Valley Water District extend eastward, approximately 5,500 feet beyond the boundary of the former NAS Moffett Field. The areas that make up Site27 are summarized below:-Northern Channel and Berms: Nearly 2 miles long, the Northern Channel receives stormwater from the eastern portion of the former NAS Moffett Field. Water in the channel flows east, approximately 1 mile beyond the boundary ofthe former NAS Moffett Field into Lockheed Channel. The Northern Channel flows by gravity at this termination point through a pipe to the terminus of the Lockheed Channel, which runs parallel to the eastern end of the Northern Channel. The two channels are separated by a levee. Water from the terminus of Lockheed Channel is pumped into the Moffett Channel, which drains into Guadalupe Slough and eventually into San Francisco Bay. The Northern Channel provides brackish surface water habitat of moderate value to wildlife. The surface area of the channel is about 9 acres; its bottom substrate is sediment, and the banks are fill material. The width of the channel is 40 to 50 feet, but increases to 70 feet at the western end; the channel is about 10,000 feet long, and the bottom of the channel lies approximately 2.8 feet below mean sea level. The north levee is made of compacted hard clay and is approximately 5 feet high (above the water level in the channel), with flat surfaces and steep side slopes. The slopes of the bank are moderately eroded with loose surface material that supports a moderate amount of plants. The south levee is also made of compacted clays and supports a greater diversity of vegetation. Wildlife surveys have detected the presence of the western pond turtle, various plants, and a wide variety of shore birds and waterfowl in the area. -Marriage Road Ditch: Located east of the runways, Marriage Road Ditch divides the golf course at the former NAS Moffett Field. The ditch extends about 2,300 feet, and the bottom of the ditch is 5 to 6 feet below mean sea level. Water flowing in Marriage Road Ditch is perennial and portions of the ditch are lined with concrete. Surface water from the east apron area and from the storm drains in and around Hangars 2 and 3 discharges into the ditch. Marriage Road Ditch receives additional runoff from the southern two-thirds of the runways and the golf course east and west

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of the ditch. Surface water from Marriage RoadDitch drains into North Patrol Road Ditch. During the rainy season, surface water from Marriage Road Ditch is occasionally pumped directly into the Northern Channel to prevent flooding during storms. The probable source of contamination in Marriage Road Ditch is historical surface water runoff from storm drains. These storm drains collected runoff from the paved and unpaved areas around Hangars 2 and 3 and conveyed it to Marriage Road Ditch. The ditch provides habitat for insects, worms, snails, and the western pond turtle. Several species of plants grow in and along the sides of the ditch. -Patrol Road Ditch: Patrol Road Ditch (also known as the East Patrol Road Ditch) is a surface drainage feature that runs 2,100 feet along the eastern boundary of the former NAS Moffett Field; the bottom of the ditch is about 5 to 6 feet below mean sea level. The ditch is part of the storm drain system at the former NAS Moffett Field. Its flow in the southern end is intermittent and depends on rainfall. The northern end of the ditch receives regular runoff from irrigation of the golf course and contains water year round. Surface water from Patrol Road Ditch flows into North Patrol Road Ditch through a culvert during periods of high water; water from the ditch is occasionally pumped directly to the Northern Channel during winter rainstorms. The probable source of contamination is surface water runoff into the storm drains that feed into Patrol Road Ditch. During the wet season, the northern end of the ditch provides open water and emergent vegetation. During the dry season, the southern end consists of habitat similar to upland areas. Several species of birds have been identified in Patrol Road Ditch. -North Patrol Road Ditch: This ditch runs 4,300 feet along the North Patrol Road, parallel to and south of the Northern Channel. The western portion of the ditch is lined with concrete, lies about 5 to 6 feet below mean sea level, and generally contains water year-round. The North Patrol Road Ditch carries surface water from east to west toward the Building 191 lift station. The North Patrol Road Ditch is an integral part of the storm drain system at Moffett. North Patrol Road Ditch receives stormwater from Marriage RoadDitch, Patrol Road Ditch, and the golf course. Surface water flow through the North Patrol Road Ditch is intermittent and depends on rainfall. The banks of the ditch are defined and are made of fill material and emergent vegetation but represent poor wetland habitat. Species observed here include ducks, doves, burrowing owls, and squirrels. -Debris Pile: The debris pile is located north of the Building 191 lift station at the western end of the Northern Channel, between the north bank of the channel and south bank of the U.S. Fish and Wildlife Service Diked Ponds. The pile consists of about 10,000 cubic yards of dredged sediment from the Northern Channel and construction debris from the 1950s to 1990s. Ownership of the Northern Channel andrelated areas within Site 27 is divided among NASA, Lockheed, U.S. Fish and Wildlife Service, Santa Clara Valley Water District, Cargill Salt, and the City of Sunnyvale. NASA owns the southern berm along the northern boundary of the former NAS Moffett Field and a portion of the property where the debris pile is located. In addition, NASA owns the Marriage Road Ditch, the Patrol Road Ditch, and the North Patrol Ditch. Lockheed owns the southern berm along the northern boundary of itsproperty and a small portion of the Northern Channel. Cargill Salt owns the remainder of the berm, the Northern Channel, and the remainder of the area where the debris pile is located. U.S. Fish and Wildlife Service purchased the saltwater evaporation ponds adjacent to Site 27 from Cargill Salt in 2003. The City of Sunnyvale owns ponds and a publicly owned treatment works located near the eastern end of the Northern Channel. In addition, Sunnyvale leases a portion of the berms for hiking and biking trails. In April 1991, the Base Realignment and Closure Commission voted to (1) decommission the former NAS Moffett Field, (2) transfer naval operations from the former NAS Moffett Field to other naval facilities, and (3) transfer most of the former NAS Moffett Field property to the NASA Ames Research Center. The areas south and west of Site 27 are part of the former NAS Moffett Field.

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Current tenants include the U.S. Army, the U.S. Air Force, and the California Air National Guard. Current uses include airfield operations, military facilities, and NASA research facilities. The former NAS Moffett Field has a fully functional federal airport and maintains facilities for military personnel and their families, including housing, commissary, clinic, service station, tennis courts, and a golf course. The tidal salt marsh and mud flats north and northeast of the former NAS Moffett Field were diked more than 50 years ago and were formerly used as commercial saltwater evaporation ponds. Cargill Salt, the former owner, sold the ponds to the U.S. Fish and Wildlife Service in 2003. Stormwater drainage is expected to be the future use of the Northern Channel and associated ditches, as it has been for the last 50 years. Remedial alternatives were selected and screened based on the premise that continued use for stormwater drainage is the most likely future land use scenario. Existing beneficial uses of groundwater, including municipal and domestic, industrial process, and industrial and agricultural water supply, are listed in the Basin Plan. Concentrations of total dissolved solids in groundwater in the area of Site 27 do not meet criteria in U.S. Environmental Protection Agency classification guidelines for a potential source of drinking water. According to the Basin Plan, the beneficial uses for surface water near the site are freshwater/estuarine habitat and wildlife habitat.A Record of Decision (ROD) addressing Operable Unit 08 at the NAS Moffett Field site was completed in July 2005.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	12/01/1984
Priority Level:	Not reported
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	12/01/1984
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	12/01/1984
Priority Level:	High
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	12/01/1984
Priority Level:	High
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	04/10/1985
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	07/22/1987
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	06/09/1985
Date Completed:	06/09/1989
Priority Level:	Not reported

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Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	06/09/1989
Priority Level:	Not reported
Action:	FEDERAL INTERAGENCY AGREEMENT
Date Started:	Not reported
Date Completed:	08/08/1989
Priority Level:	Not reported
Action:	INTERAGENCY AGREEMENT NEGOTIATIONS
Date Started:	02/10/1988
Date Completed:	08/08/1989
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE GRANT
Date Started:	04/08/1993
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL DESIGN
Date Started:	02/04/1994
Date Completed:	06/13/1994
Priority Level:	Not reported
Action:	Restoration Advisory Board
Date Started:	10/01/1994
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	08/08/1989
Date Completed:	12/22/1994
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	12/22/1994
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL ACTION
Date Started:	06/13/1994
Date Completed:	10/09/1995
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION
Date Started:	07/06/1992
Date Completed:	03/20/1996
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	08/08/1989
Date Completed:	06/28/1996
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Date Completed: 06/28/1996
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 05/14/1991
Date Completed: 12/11/1996
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 02/24/1997
Date Completed: 05/22/1997
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 08/08/1989
Date Completed: 08/14/1997
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 08/14/1997
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 08/19/1997
Date Completed: 08/19/1997
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 08/01/1997
Date Completed: 11/08/2001
Priority Level: Interim RA Report

Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 10/01/1997
Date Completed: 11/08/2001
Priority Level: Interim RA Report

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 08/08/1989
Date Completed: 06/25/2002
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 06/25/2002
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 08/08/1989
Date Completed: 08/22/2002
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 08/22/2002
Priority Level: Not reported

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Action: FEDERAL FACILITY COMMUNITY INVOLVEMENT
Date Started: 08/08/1989
Date Completed: 09/16/2002
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 12/11/1996
Date Completed: 09/30/2002
Priority Level: Interim RA Report

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 09/30/2002
Priority Level: Not reported

Action: FEDERAL FACILITY FIVE YEAR REVIEW
Date Started: 05/08/2002
Date Completed: 09/30/2002
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 08/02/2002
Date Completed: 01/08/2003
Priority Level: Not reported

Action: FEDERAL FACILITY FEASIBILITY STUDY
Date Started: 11/30/2002
Date Completed: 07/30/2003
Priority Level: Not reported

Action: FEDERAL FACILITY REMOVAL
Date Started: 07/31/2003
Date Completed: 01/05/2004
Priority Level: Not reported

Action: FEDERAL FACILITY REMOVAL
Date Started: 11/19/2003
Date Completed: 02/12/2004
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 01/02/2003
Date Completed: 03/15/2004
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 07/07/2005
Priority Level: Not reported

Action: FEDERAL FACILITY FIVE YEAR REVIEW
Date Started: 09/10/2003
Date Completed: 09/30/2005
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Date Completed: 09/30/2005
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 07/07/2005
Date Completed: 04/11/2006
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 04/24/2006
Date Completed: Not reported
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: Not reported
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: Not reported
Priority Level: Not reported

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: Not reported
Funding: Federal
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0608591728
Stop Date: 1988-03-01 00:00:00
Confirm Leak: 1965-01-01 00:00:00
Workplan: Not reported
Prelim Assess: 1990-09-24 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1988-03-01 00:00:00
Enforcement Dt: Not reported
Release Date: 1988-03-01 00:00:00
Review Date: 2000-05-10 00:00:00
Enter Date: 1990-01-23 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Preliminary site assessment underway

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Chemical: Diesel
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: Department of Defense UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: DN
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43D0975
Case Number: 43D0975
Qty Leaked: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: SEE DOD SECTION (MB 5TH FL)GW SAMPLE FROM PIT. 2ND URF RCVD 2/15/00.

NPL:
EPA ID: CA2170090078
EPA Region: 09
Federal: Federal
Final Date: 07/22/1987

Category Details:
Site ID: Not reported
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-<= 10 Feet
Category Value: 0

Site ID: Not reported
NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:
Site Name: MOFFETT NAVAL AIR STATION
Site Status: Final
Status Date: 7/22/1987
Site City: MOFFETT FIELD
Site State: CA
Federal Site: Federal Facility
HRS Score: 29.49

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

GW Score: 51.02
SW Score: Not reported
Air Score: Not reported
Soil Score: Not reported
DC Score: Not reported
FE Score: Not reported

Substance Details:
Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U044
Substance: CHLOROFORM
CAS #: 67-66-3
Pathway: GROUND WATER PATHWAY
Scoring: 4

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U078
Substance: DICHLOROETHENE, 1,1-
CAS #: 75-35-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U220
Substance: TOLUENE
CAS #: 108-88-3
Pathway: GROUND WATER PATHWAY
Scoring: 2

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Summary Details:

Conditions at proposal April 10, 1985): Moffett Naval Air Station covers 8,700 acres in Sunnyvale, Santa Clara County, California. In the past, various solvents and sludges were disposed on-site into ponds and landfills and onto the ground.
As a result, soil and ground water on-site are contaminated. The major contaminants in ground water are volatile organic compounds. About 272,000 people depend on wells within 3 miles of the station as a source of drinking water. Moffet
t Naval Air Station is participating in the Installation Restoration Program IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from ha ardous materials. The Nav
y has completed Phase I records search) of the program and is beginning Phase II remedial investigation). Moffett Naval Air Station is in the South Bay Area of San Francisco. In October 1984, 19 non-Federal sites in the area were propo
sed for the NPL. Facilities at these sites have used a variety of toxic chemicals, primarily chlorinated organic solvents, which contaminate a common ground water basin. Although these sites are listed separately, EPA intends to apply an area-
wide approach to the problem as well as take site-specific action as necessary. Status July 22, 1987): In May 1985, the California Regional Water Quality Control Board adopted Waste Discharge Requirements for Moffett Naval Air Station.
The requirements outline specific tasks and compliance dates Moffett must follow to define the full extent of contamination in soils and ground water.
In April 1986, the Navy released the final report for the verification step of Phase II.
Moffett is revising the quality assurance project plan and sample plan for the characteri ation step of Phase II. Within the boundaries of this Federal facility, including this specific site, there are no areas subject to the Subtitle C c
orrective action authorities of the Resource Conservation and Recovery Act. Therefore, this Federal facility site is being placed on the Federal section of the NPL.

Site Status Details:

NPL Status:	Final
Proposed Date:	04/10/1985
Final Date:	07/22/1987
Deleted Date:	Not reported

Narratives Details:

NPL Name:	MOFFETT NAVAL AIR STATION
City:	MOFFETT FIELD
State:	CA

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

US ENG CONTROLS:

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

EPA ID:	CA2170090078
Site ID:	0902734
Name:	MOFFETT NAVAL AIR STATION
Address:	MOFFETT FIELD NAS MOFFETT FIELD, CA 94035
EPA Region:	09
County:	SANTA CLARA
Event Code:	Not reported
Actual Date:	Not reported

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Actual Date: Not reported

Action ID: 002
Action Name: FF RA
Action Completion date: 11/08/2001
Planned Complet. date: 12/30/2001
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: Air Stripping

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

US INST CONTROL:

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Action Name: FF RA
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: Not reported
Planned Complet. Date: 12/30/2001
Complet. Date: 11/08/2001
Operable Unit: 05
Contaminated Media : Groundwater

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Action Name: RECORD OF DECISION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: Not reported
Planned Complet. Date: 09/30/1997
Complet. Date: 08/14/1997
Operable Unit: 01
Contaminated Media : Groundwater

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Action Name: RECORD OF DECISION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Access Restriction, Fencing
Actual Date: Not reported
Planned Complet. Date: 09/30/1997
Complet. Date: 08/14/1997
Operable Unit: 01
Contaminated Media : Soil

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Action Name: RECORD OF DECISION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: Not reported
Planned Complet. Date: 09/30/1997
Complet. Date: 08/14/1997
Operable Unit: 01
Contaminated Media : Soil

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Action Name: RECORD OF DECISION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: Not reported
Planned Complet. Date: 06/30/1996
Complet. Date: 06/28/1996
Operable Unit: 05
Contaminated Media : Groundwater

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Action Name: RECORD OF DECISION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Groundwater use/well drilling regulation
Actual Date: Not reported
Planned Complet. Date: 06/30/2002
Complet. Date: 06/25/2002
Operable Unit: 07
Contaminated Media : Groundwater

EPA ID: CA2170090078
Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Action Name: RECORD OF DECISION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Building, demolition, or excavation regulation
Actual Date: Not reported
Planned Complet. Date: 06/30/2002
Complet. Date: 06/25/2002
Operable Unit: 07
Contaminated Media : Soil

EPA ID: CA2170090078

MOFFETT NAVAL AIR STATION (Continued) **1000228683**

Site ID: 0902734
Name: MOFFETT NAVAL AIR STATION
Action Name: RECORD OF DECISION
Address: MOFFETT FIELD NAS
MOFFETT FIELD, CA 94035
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Covenant
Actual Date: Not reported
Planned Complet. Date: 06/30/2002
Complet. Date: 06/25/2002
Operable Unit: 07
Contaminated Media : Soil

DOD
Region

MOFFETT FIELD NAVAL AIR STATION (CLOSED) **DOD** **CUSA136599**
N/A

MOFFETT FIELD NAVAL AIR S (County), CA

DOD:
Feature 1: Navy DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Moffett Field Naval Air Station (Closed)
Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes
Tile name: CASANTA_CLARA

1

SUNNYVALE NIROP **ENVIROSTOR** **S104241837**
1111 LOCKHEED WAY, BLDG 101 **HIST Cal-Sites** **N/A**
SUNNYVALE, CA 94089

ENVIROSTOR:
Site Type: Military Evaluation
Site Type Detailed: Open Base
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Not reported
Division Branch: OMF - No (Sacramento)
Facility ID: 43970002
Site Code: 200236
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Refer: RWQCB**
Status Date: 2005-12-21 00:00:00
Restricted Use: NO
Funding: DERA
Latitude: 37.4025
Longitude: -122.019722222222

SUNNYVALE NIROP (Continued) **S104241837**

Alias Name:	200236 SUNNYVALE NIROP 43970002
Alias Type:	Project Code (Site Code) Alternate Name Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	10077, 10199, 10193, 10086, 10088, 10022, 10198
Potenital Description:	* Pesticides - Wastes From Production
Potenital Description:	* WASTE OIL & MIXED OIL
Potenital Description:	* UNSPECIFIED ACID SOLUTION
Potenital Description:	* Photochemicals/Photoprocessing Waste
Potenital Description:	* Polychlorinated Biphenyls - Materials with PCBs
Potenital Description:	* Metals - Cadium
Potenital Description:	* UNSPECIFIED SOLVENT MIXTURES
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

HISTORICAL CAL-SITES:

Facility ID:	43970002
Region:	1
Region Name:	SACRAMENTO
Branch:	NO
Branch Name:	OMF-NORTHERN CALIF
File Name:	SUNNYVALE NIROP
State Senate District:	07221997
Status:	AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	DTSC
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type:	OPEN
Type Name:	OPEN MILITARY BASE
NPL:	Not Listed
SIC Code:	97
SIC Name:	NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Access:	Controlled
Cortese:	Not reported

SUNNYVALE NIROP (Continued) **S104241837**

Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: LMCMAHA1
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22
State Senate District Code: 13

Click this hyperlink while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

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2 **SUNNYVALE SOLID WASTE DISP** **LUST** **S103439387**
CARIBBEAN DRIVE **WMUDS/SWAT** **N/A**
SUNNYVALE CA, CA **CA WDS**

LUST:
Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: L10003423381
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: Not reported
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Not reported
Chemical: Not reported
Contact Person: Not reported
Responsible Party: Not reported

SUNNYVALE SOLID WASTE DISP (Continued) **S103439387**

RP Address:	Not reported
Interim:	Not reported
Oversight Prgm:	LDP
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	Not reported
Staff Initials:	Not reported
Lead Agency:	Not reported
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	Not reported
Case Number:	2 438071001
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

WMUDS/SWAT:

Edit Date:	19950214
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Primary Waste:	Solid Wastes
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Solid Wastes
Secondary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Base Meridian:	MD
NPID:	Not reported
Tonnage:	470
Regional Board ID:	2189.8071
Municipal Solid Waste:	True
Superorder:	True
Open To Public:	False
Waste List:	False
Agency Type:	City
Agency Name:	SUNNYVALE, CITY OF
Agency Department:	Not reported
Agency Address:	PO BOX 3707

SUNNYVALE SOLID WASTE DISP (Continued) **S103439387**

Agency City,St,Zip:	SUNNYVALE CA 940883707
Agency Contact:	MARK BOWERS
Agency Telephone:	4087307421
Land Owner Name:	CITY OF SUNNYVALE
Land Owner Address:	465 WEST OLIVE AVENUE (P.O.BOX
Land Owner City,St,Zip:	SUNNYVALE, CA 94088
Land Owner Contact:	MR. JAMES J. WAHL
Land Owner Phone:	4087385411
Region:	2
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	CITY OF SUNNYVALE DISPOSAL SITE
Primary SIC:	4953
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	JHMJHMJHM
Waste Discharge System:	True
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	SPECIALTY GARBAGE AND REFUSE I
Threat to Water Quality:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Sub Chapter 15:	True
Regional Board Project Officer:	DMA
Number of WMUDS at Facility:	1
Section Range:	06S01W18
RCRA Facility:	No
Waste Discharge Requirements:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Self-Monitoring Rept. Frequency:	Quarterly Submittal
Waste Discharge System ID:	2 438071001
Solid Waste Information ID:	43-AQ-0001

CA WDS:

Facility ID:	San Francisco Bay 438071001
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	MARK BOWERS
Agency Name:	SUNNYVALE, CITY OF
Agency Address:	PO BOX 3707
Agency City,St,Zip:	SUNNYVALE 940883707
Agency Contact:	HELEN FARNHAM
Agency Telephone:	Not reported
Agency Type:	City
SIC Code:	4953
SIC Code 2:	Not reported
Primary Waste:	Solid Wastes

SUNNYVALE SOLID WASTE DISP (Continued) **S103439387**

Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Solid Wastes
Secondary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Design Flow:	0.0001
Baseline Flow:	0.0001
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

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3 **SUNNYVALE SMART STATION** **UST** **U003784524**
301 CARL RD **SWEEPS UST** **N/A**
SUNNYVALE, CA 94089

UST:

Region:	STATE
Local Agency:	Sunnyvale, Santa Clara County
Facility ID:	8231

SWEEPS UST:

Status:	A
Comp Number:	8321
Number:	4
Board Of Equalization:	Not reported
Ref Date:	07-23-93
Act Date:	07-23-93
Created Date:	07-23-93
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-008321-832101
Actv Date:	07-23-93
Capacity:	2000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	2

Status:	A
Comp Number:	8321
Number:	4
Board Of Equalization:	Not reported

SUNNYVALE SMART STATION (Continued) **U003784524**

Ref Date:	07-23-93
Act Date:	07-23-93
Created Date:	07-23-93
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-008321-832102
Actv Date:	07-23-93
Capacity:	2000
Tank Use:	OIL
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

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3 **GREEN TEAM ZANKER**
301 CARL RD
SUNNYVALE, CA 94089

HAZNET **S103650857**
SWRCY **N/A**

HAZNET:

Gepaid:	CAD983670647
Contact:	WASTE MANAGEMENT
Telephone:	7135126200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	301 CARL RD
Mailing City,St,Zip:	SUNNYVALE, CA 940890000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	.5629
Facility County:	Santa Clara

Gepaid:	CAD983670647
Contact:	WASTE MANAGEMENT
Telephone:	7135126200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	301 CARL RD
Mailing City,St,Zip:	SUNNYVALE, CA 940890000
Gen County:	Santa Clara
TSD EPA ID:	CAT080010101
TSD County:	San Diego
Waste Category:	Household waste
Disposal Method:	Transfer Station
Tons:	7.7895
Facility County:	Santa Clara

Gepaid:	CAD983670647
Contact:	WASTE MANAGEMENT
Telephone:	7135126200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	301 CARL RD
Mailing City,St,Zip:	SUNNYVALE, CA 940890000
Gen County:	Santa Clara
TSD EPA ID:	CAT080010101
TSD County:	San Diego

GREEN TEAM ZANKER (Continued) **S103650857**

Waste Category: Household waste
Disposal Method: Treatment, Tank
Tons: .0125
Facility County: Santa Clara

Gepaid: CAD983670647
Contact: WASTE MANAGEMENT
Telephone: 7135126200
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 301 CARL RD
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: CAT080010101
TSD County: San Diego
Waste Category: Household waste
Disposal Method: Transfer Station
Tons: .0383
Facility County: Santa Clara

Gepaid: CAD983670647
Contact: WASTE MANAGEMENT
Telephone: 7135126200
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 301 CARL RD
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: CAT080010101
TSD County: San Diego
Waste Category: Not reported
Disposal Method: Transfer Station
Tons: .1416
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
81 additional CA_HAZNET: record(s) in the EDR Site Report.

SWRCY:
Certification Status: O
Facility Phone Number: (408) 283-8530
Date facility became certified: 12/22/00
Date facility began operating: 01/02/01
Date facility ceased operating: Still operating
Whether The Facility Is Grandfathered: Not reported
Convenience Zone Where Faciltiy Located: 0
Convenience Zone Where Faciltiy Located 2: 0
Convenience Zone Where Faciltiy Located 3: 0
Convenience Zone Where Faciltiy Located 4: 0
Convenience Zone Where Faciltiy Located 5: 0
Convenience Zone Where Faciltiy Located 6: 0
Convenience Zone Where Faciltiy Located 7: 0
Aluminum Beverage Containers Redeemed: AL
Glass Beverage Containers Redeemed: GL
Plastic Beverage Containers Redeemed: PL
Other mat beverage containers redeemed: Not reported
Refillable Beverage Containers Redeemed: Not reported

3	**THE SMART STATION** **301 CARL RD** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS**	**1000857622** **CAD983670647**

RCRAInfo:

Owner: CITY OF SUNNYVALE
(408) 730-7421
EPA ID: CAD983670647

Contact: MARK BOWERS
(408) 730-7421

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

3	**GREEN TEAM ZANKER** **301 CARL ROAD** **SUNNYVALE, CA 94086**	**HAZNET** **SWF/LF** **EMI**	**S102362520** **N/A**

HAZNET:

Gepaid: CAL000220305
Contact: C CODER/SFTY COMPLIANCE MGR
Telephone: 4087528530
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 301 CARL RD
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 3.15
Facility County: Not reported

Gepaid: CAL000220305
Contact: C CODER/SFTY COMPLIANCE MGR
Telephone: 4087528530
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 301 CARL RD
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported

GREEN TEAM ZANKER (Continued) **S102362520**

TSD County: Santa Clara
Waste Category: Oil/water separation sludge
Disposal Method: Transfer Station
Tons: 129.56
Facility County: Not reported

Gepaid: CAL000220305
Contact: C CODER/SFTY COMPLIANCE MGR
Telephone: 4087528530
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 301 CARL RD
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Other
Tons: 8.22
Facility County: Not reported

Gepaid: CAL000220305
Contact: C CODER/SFTY COMPLIANCE MGR
Telephone: 4087528530
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 301 CARL RD
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Household waste
Disposal Method: Not reported
Tons: 7.21
Facility County: Not reported

Gepaid: CAL000220305
Contact: C CODER/SFTY COMPLIANCE MGR
Telephone: 4087528530
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 301 CARL RD
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Household waste
Disposal Method: Disposal, Other
Tons: 0.18
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

LF:
Region: STATE
Facility ID: 43-AA-0009

GREEN TEAM ZANKER (Continued) **S102362520**

Facility Telephone: Not reported
Facility Telephone 2: Not reported
Lat/Long: 37.44333 / -122.02222
Land Owner: Not reported
Owner Name: City Of Sunnyvale
Owner Telephone: 4087528530
Owner Address: Not reported
Owner Address2: P.O. Box 3707
Owner City,St,Zip: Sunnyvale, CA 94088-3707
Operator: City Of Sunnyvale
Operator Phone: 4087528530
Operator Address: Not reported
Operator Address2: P.O. Box 3707
Operator City,St,Zip: Sunnyvale, CA 94088-3707
Operator’s Status: Active
Permit Date: 12/30/2002
Permit Status: Permitted
Permitted Acreage: 9
Activity: Large Volume Transfer/Proc Facility
Regulation Status: Permitted
Land Use: Not reported
Landuse Name: Wetlands,Industrial,Commercial
GIS Source: Map
Category: Transfer/Processing
Unit Number: 01
Inspection Frequency: Not reported
Accepted Waste: Construction/demolition,Industrial,Mixed municipal,Tires
Year Opened: Not reported
Year Closed: Not reported
Closure Date: Not reported
Closure Type: Not reported
Closure Approve: Not reported
Disposal Acreage: Not reported
Status: Not reported
Swisnumber: Not reported
Aka: Not reported
Type Of Waste: Not reported
Disposal Area: Not reported
SWFP Date: Not reported
WDR Number: Not reported
Dates Operation: Not reported
Dt Of Field Units: Not reported
Surface Condition: Not reported
Landfill Gas: Not reported
Leachate: Not reported
Emrgncy Response: Not reported
Lea Date: Not reported
Restrictions: Not reported
Fill Area: Not reported
Type Of Refuse: Not reported
Avg Depth Of Fill: Not reported
Addtl Expansion Area: Not reported
Site Size: Not reported
Site Type: Not reported
Site Description: Not reported
Reassess Site: Not reported
Location: Not reported

GREEN TEAM ZANKER (Continued) **S102362520**

Parcel Num:	Not reported
Issue & Observations:	Not reported
Other Observations:	Not reported
Date:	Not reported
Address:	Not reported
Prep By:	Not reported
DOHS Number:	Not reported
CUP Number:	Not reported
CIWMB:	Not reported
Program Type:	Not reported
Public Notice:	Not reported
PERMTIER:	Not reported
Recommendations:	Not reported
Othr Recommendation:	Not reported
Sig. Change Since Last Visit:	Not reported
Priority For Site Assessment:	Not reported
Permitted Throughput with Units:	1500
Actual Throughput with Units:	Tons/day
Permitted Capacity with Units:	1500
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Tons/day
Last Waste Tire Inspection Count:	Not reported
Last Waste Tire Inspection Date:	Not reported
Original Waste Tire Count:	Not reported
Original Waste Tire Count Date:	Not reported

EMI:

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5905
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5905
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1363
Reactive Organic Gases Tons/Yr:	18
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

GREEN TEAM ZANKER (Continued) **S102362520**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1
Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5905
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1361.677
Reactive Organic Gases Tons/Yr:	8.993709
Carbon Monoxide Emissions Tons/Yr:	0.021
NOX - Oxides of Nitrogen Tons/Yr:	0.096
SOX - Oxides of Sulphur Tons/Yr:	0.001
Particulate Matter Tons/Yr:	0.983
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.561354

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3 **SUNNYVALE RECYCLING CENTER** **UST** **U003783831**
164 CARL RD **SWEEPS UST** **N/A**
SUNNYVALE, CA 94089

UST:

Region:	STATE
Local Agency:	Sunnyvale, Santa Clara County
Facility ID:	6498

SWEEPS UST:

Status:	A
Comp Number:	6498
Number:	4
Board Of Equalization:	Not reported
Ref Date:	12-05-90
Act Date:	12-05-90
Created Date:	07-25-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-006498-649801
Actv Date:	12-06-90
Capacity:	2000
Tank Use:	PETROLEUM
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	1

3 **CITY OF SUNNYVALE, BOP/RECYCLING CENTER** **LUST** **S107995659**
164 CARL RD **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W18C03f
Closed Date:	6/28/2005
Lop Number:	Not reported

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3 **CITY OF SUNNYVALE, BOP/RECYLCLING CENTER** **LUST** **S107138396**
164 CARL ROAD **N/A**
SUNNYVALE, CA 94085

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	LOPF
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	UNK
Leak Source:	UNK
Global Id:	T0608557440
Stop Date:	Not reported
Confirm Leak:	2005-06-22 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2005-06-22 00:00:00
Discover Date:	2001-08-20 00:00:00
Enforcement Dt:	Not reported
Release Date:	2001-08-22 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Waste Oil
Contact Person:	Not reported
Responsible Party:	MR. BILL THEYSKENS
RP Address:	164 CARL ROAD
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	BGS
Staff Initials:	LD

CITY OF SUNNYVALE, BOP/RECYLCLING CENTER (Continued) **S107138396**

Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W18C03f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

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4 **SUNNYVALE CITY OF** **RCRA-SQG** **1000323874**
1444 BORREGAS AVE **FINDS** **CAD981447717**
SUNNYVALE, CA 94089 **CA WDS**

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981447717

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

SUNNYVALE CITY OF (Continued) **1000323874**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA WDS:

Facility ID:	San Francisco Bay 438382001
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	HELEN FARNHAM
Agency Name:	SUNNYVALE, CITY OF
Agency Address:	PO BOX 3707
Agency City,St,Zip:	SUNNYVALE 940883707
Agency Contact:	HELEN FARNHAM
Agency Telephone:	Not reported
Agency Type:	City
SIC Code:	4952
SIC Code 2:	Not reported
Primary Waste:	Domestic Sewage combined with Industrial Waste
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	5.2
Baseline Flow:	0.0001
Reclamation:	Producer-User: Reclamation requirements that have been issued to a producer of reclaimed water who also uses the product.
POTW:	The facility is not a POTW.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

4	**SUNNYVALE RECYCLING CENTER** **1444 BORREGAS AVE** **SUNNYVALE, CA 94086**	**HAZNET** **CA FID UST**	**S101594488** **N/A**

HAZNET:

Gepaid: CAD981447717
Contact: LORRIE GERVIN/ENVIR MGR
Telephone: 4087307268
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3707
Mailing City,St,Zip: SUNNYVALE, CA 940883707
Gen County: Santa Clara
TSD EPA ID: CAD053044053
TSD County: Santa Clara
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Transfer Station
Tons: 0.4
Facility County: Santa Clara

Gepaid: CAD981447717
Contact: LORRIE GERVIN/ENVIR MGR
Telephone: 4087307268
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3707
Mailing City,St,Zip: SUNNYVALE, CA 940883707
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Other
Tons: 0.25
Facility County: Santa Clara

Gepaid: CAD981447717
Contact: LORRIE GERVIN/ENVIR MGR
Telephone: 4087307268
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3707
Mailing City,St,Zip: SUNNYVALE, CA 940883707
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Alkaline solution without metals (pH > 12.5)
Disposal Method: Treatment, Tank
Tons: 7.92
Facility County: Santa Clara

Gepaid: CAD981447717
Contact: LORRIE GERVIN/ENVIR MGR
Telephone: 4087307268
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3707
Mailing City,St,Zip: SUNNYVALE, CA 940883707
Gen County: Santa Clara
TSD EPA ID: CAD982444481

SUNNYVALE RECYCLING CENTER (Continued) **S101594488**

TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Transfer Station
Tons:	0.58
Facility County:	Santa Clara
Gepaid:	CAD981447717
Contact:	LORRIE GERVIN/ENVIR MGR
Telephone:	4087307268
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3707
Mailing City,St,Zip:	SUNNYVALE, CA 940883707
Gen County:	Santa Clara
TSD EPA ID:	NVD980895338
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	0.15
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

CA FID UST:

Facility ID:	43001840
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087307277
Mail To:	Not reported
Mailing Address:	456 W OLIVE AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

---

4 **CHMIRS** **S100276111**
Cortese **N/A**

1444 BORREGAS
SUNNYVALE, CA 94089

CHMIRS:

OES Incident Number:	9013582
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	20-OCT-90
Date Completed:	**20-OCT-90**
Property Use:	099
Agency Id Number:	43105
Agency Incident Number:	90-50049

(Continued) **S100276111**

Time Notified: 1546
Time Completed: 2135
Surrounding Area: 099
Estimated Temperature: 75
Property Management: C
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: WILLIAM LUM #59570
Report Date: 20-OCT-90
Comments: Y
Facility Telephone: 408 730-7100
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: Not reported
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 13-JUN-91
Substance: Not reported
Quantity Released: Not reported
BBLS: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported
Liters: Not reported
Ounces: Not reported
Pints: Not reported

(Continued) **S100276111**

Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

---

4 **WATER POLLUTION CONTROL PLANT** **AST** **A100184678**
1444 BORREGAS AVE. **N/A**
SUNNYVALE, CA 94089

AST:

Owner:	CITY OF SUNNYVALE
Total Gallons:	2240

---

4 **RECYCLING CENTER** **HIST UST** **U001594910**
1444 BORREGAS AVE **N/A**
SUNNYVALE, CA 94086

HIST UST:

Region:	STATE
Facility ID:	00000048610
Tank Num:	001
Container Num:	11202-1
Year Installed:	1984
Tank Capacity:	00002000
Facility Type:	Other
Other Type:	MUNICIPALITY
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	10 gauge
Leak Detection:	Visual
Contact Name:	JIM MASCH
Telephone:	4087385641
Owner Name:	CITY OF SUNNYVALE
Owner Address:	456 W. OLIVE AVE
Owner City,St,Zip:	SUNNYVALE, CA 94086

5 **CITY OF SUNNYVALE LANDFILL**
NORTH SIDE CARIBBEAN DR NEAR MATHILDA AV
SUNNYVALE, CA

SWF/LF **S102362519**
N/A

LF:

Region:	STATE
Facility ID:	43-AA-0007
Facility Telephone:	Not reported
Facility Telephone 2:	Not reported
Lat/Long:	37.4184 / -122.00776
Land Owner:	Not reported
Owner Name:	City Of Sunnyvale
Owner Telephone:	4087528530
Owner Address:	Not reported
Owner Address2:	P.O. Box 3707
Owner City,St,Zip:	Sunnyvale, CA 94088-3707
Operator:	City Of Sunnyvale
Operator Phone:	4087528530
Operator Address:	Not reported
Operator Address2:	P.O. Box 3707
Operator City,St,Zip:	Sunnyvale, CA 94088-3707
Operator’s Status:	Closed
Permit Date:	12/8/1988
Permit Status:	Permitted
Permitted Acreage:	93
Activity:	Solid Waste Disposal Site
Regulation Status:	Permitted
Land Use:	Not reported
Landuse Name:	Wetlands,Industrial
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Not reported
Accepted Waste:	Not reported
Year Opened:	Not reported
Year Closed:	Not reported
Closure Date:	10/1/1993
Closure Type:	Actual
Closure Approve:	Not reported
Disposal Acreage:	0
Status:	Not reported
Swisnumber:	Not reported
Aka:	Not reported
Type Of Waste:	Not reported
Disposal Area:	Not reported
SWFP Date:	Not reported
WDR Number:	Not reported
Dates Operation:	Not reported
Dt Of Field Units:	Not reported
Surface Condition:	Not reported
Landfill Gas:	Not reported
Leachate:	Not reported
Emrgncy Response:	Not reported
Lea Date:	Not reported
Restrictions:	Not reported
Fill Area:	Not reported
Type Of Refuse:	Not reported
Avg Depth Of Fill:	Not reported
Addtl Expansion Area:	Not reported

CITY OF SUNNYVALE LANDFILL (Continued) **S102362519**

Site Size: Not reported
Site Type: Not reported
Site Description: Not reported
Reassess Site: Not reported
Location: Not reported
Parcel Num: Not reported
Issue & Observations: Not reported
Other Observations: Not reported
Date: Not reported
Address: Not reported
Prep By: Not reported
DOHS Number: Not reported
CUP Number: Not reported
CIWMB: Not reported
Program Type: Financial Assurance Responsibilities
Public Notice: Not reported
PERMTIER: Not reported
Recommendations: Not reported
Othr Recommendation: Not reported
Sig. Change Since Last Visit: Not reported
Priority For Site Assessment: Not reported
Permitted Throughput with Units: 500
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 0
Remaining Capacity: 0
Remaining Capacity with Units: Not reported
Last Waste Tire Inspection Count: Not reported
Last Waste Tire Inspection Date: Not reported
Original Waste Tire Count: Not reported
Original Waste Tire Count Date: Not reported

---

6 **ORCHARD FACILITY SERVICES** **HAZNET** **S103980209**
380 CARIBBEAN **N/A**
SUNNYVALE, CA 94089

HAZNET:
Gepaid: CAC001495256
Contact: ORCHARD FACILITY SERVICES
Telephone: 4089551424
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1935 HARTOG DR
Mailing City,St,Zip: SAN JOSE, CA 951320000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Paint sludge
Disposal Method: Transfer Station
Tons: .0333
Facility County: Santa Clara

7 **GASONICS INC**
250 E CARRIBEAN
SUNNYVALE, CA 94089

RCRA-SQG **1000339104**
FINDS **CAD982483430**

RCRAInfo:
Owner: STRUT & PARKER
(415) 555-1212
EPA ID: CAD982483430

Contact: ENVIRONMENTAL MANAGER
(408) 745-1340

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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8 **FEDERAL EXPRESS CORPORATION**
1395 BORREGAS AVE
SUNNYVALE, CA 94096

HIST UST **U001595010**
N/A

HIST UST:
Region: STATE
Facility ID: 00000059216
Tank Num: 001
Container Num: 1
Year Installed: 1979
Tank Capacity: 00010000
Facility Type: Other
Other Type: AIR FREIGHT
Total Tanks: 0001
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: None
Contact Name: MICHAEL PIGORS
Telephone: 4087440173
Owner Name: FEDERAL EXPRESS CORPORATION
Owner Address: P.O. BOX 727 - DEPT. 1910
Owner City,St,Zip: MEMPHIS, TN 94086

8	**FEDERAL EXPRESS STATION** **1395 BORREGAS AVE** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **HAZNET** **LUST** **Cortese** **HIST LUST**	**1000214104** **CAD982041568**

RCRAInfo:

Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD982041568

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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HAZNET:

Gepaid: CAD982041568
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8950 CAL CTR DR SUITE 370
Mailing City,St,Zip: SACRAMENTO, CA 958260000
Gen County: Santa Clara
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: .3544
Facility County: Santa Clara

Gepaid: CAD982041568
Contact: INACTIVE PER 95 FEES. JV
Telephone: --
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8950 CAL CTR DR SUITE 370
Mailing City,St,Zip: SACRAMENTO, CA 958260000
Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 5.04

FEDERAL EXPRESS STATION (Continued) **1000214104**

Facility County:	Not reported
Gepaid:	CAD982041568
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	8950 CAL CTR DR SUITE 370
Mailing City,St,Zip:	SACRAMENTO, CA 958260000
Gen County:	Santa Clara
TSD EPA ID:	CAD083166728
TSD County:	Stanislaus
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Not reported
Tons:	.1876
Facility County:	Santa Clara
Gepaid:	CAD982041568
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	8950 CAL CTR DR SUITE 370
Mailing City,St,Zip:	SACRAMENTO, CA 958260000
Gen County:	Santa Clara
TSD EPA ID:	CAD083166728
TSD County:	Stanislaus
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	1.9181
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608500605
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1987-03-25 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1996-08-08 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported

FEDERAL EXPRESS STATION (Continued) **1000214104**

Release Date: 1987-06-11 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: RREEF USA Fund II Inc.
RP Address: 8950 Cal Center Drive Ste 370
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: ZSC
Staff Initials: AS
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W18C01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S1W18C01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 3/25/1987
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

FEDERAL EXPRESS STATION (Continued) **1000214104**

Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 1395 BORREGAS AVE

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W18C01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1988-01-01 00:00:00
Closed Date: 1996-08-08 00:00:00

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8 **FEDERAL EXPRESS** **LUST** **S107995889**
1395 BORREGAS AVE **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W18C01f
Closed Date: 8/8/1996
Lop Number: 12-009

---

9 **ZYNG ENTERPRISES** **RCRA-SQG** **1000231820**
1362 BORDEAUX DR **FINDS** **CAD092203942**
SUNNYVALE, CA 94086

RCRAInfo:
Owner: JEFF MASON JIM LODGE
(415) 555-1212
EPA ID: CAD092203942

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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9	**TECHNITRON INC** **1366 BORDEAUX DR** **SUNNYVALE, CA 94086**	**FINDS** **HAZNET** **RCRA-LQG**	**1000243141** **CAD021199724**

FINDS:

Other Pertinent Environmental Activity Identified at Site

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HAZNET:

Gepaid:	CAD021199724
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1366 BORDEAUX DR
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.2293
Facility County:	Santa Clara

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD021199724
Contact:	Not reported
Classification:	Large Quantity Generator
TSDF Activities:	Not reported
Violation Status:	Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	07/23/2003
Actual Date Achieved Compliance:	08/11/2003
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/23/2003
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20030811

9	**GREAT WESTERN BANK** **1380 BORDEAUX DR** **SUNNYVALE, CA 94089**	**FINDS** **HAZNET** **RCRA-LQG** **NY MANIFEST**	**1000395533** **CAD069122919**

FINDS:

Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid:	CAD069122919
Contact:	GREAT WESTERN BANK
Telephone:	4158532670
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1380 BORDEAUX DR
Mailing City,St,Zip:	SUNNYVALE, CA 940891005
Gen County:	Santa Clara
TSD EPA ID:	AZD980735500
TSD County:	99
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	25.2840
Facility County:	Santa Clara

Gepaid:	CAD069122919
Contact:	GREAT WESTERN BANK
Telephone:	4158532670
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1380 BORDEAUX DR
Mailing City,St,Zip:	SUNNYVALE, CA 940891005
Gen County:	Santa Clara
TSD EPA ID:	AZD060624251
TSD County:	99
Waste Category:	Other inorganic solid waste
Disposal Method:	Not reported
Tons:	35.3976
Facility County:	Santa Clara

GREAT WESTERN BANK (Continued) **1000395533**

Gepaid: CAD069122919
Contact: GREAT WESTERN BANK
Telephone: 4158532670
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1380 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940891005
Gen County: Santa Clara
TSD EPA ID: CAD069124717
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: .0450
Facility County: Santa Clara

Gepaid: CAD069122919
Contact: GREAT WESTERN BANK
Telephone: 4158532670
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1380 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940891005
Gen County: Santa Clara
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: .9173
Facility County: Santa Clara

Gepaid: CAD069122919
Contact: GREAT WESTERN BANK
Telephone: 4158532670
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1380 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940891005
Gen County: Santa Clara
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Not reported
Tons: 1.0633
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
66 additional CA_HAZNET: record(s) in the EDR Site Report.

GREAT WESTERN BANK (Continued) **1000395533**

RCRAInfo:

Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD069122919

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 03/27/1986
Actual Date Achieved Compliance: 03/27/1986

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19860327

NY MANIFEST:

Document ID:	NYA8055864
Manifest Status:	C
Trans1 State ID:	10213PNY
Trans2 State ID:	Not reported
Generator Ship Date:	900130
Trans1 Recv Date:	900130
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900205
Part A Recv Date:	900214
Part B Recv Date:	900223
Generator EPA ID:	CAD069122919
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD001325661
Waste Code:	F007 - PLATING BATH SOL FM ELECTROPLATING OPER
Quantity:	00770
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	014
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90
Facility Type:	Generator
EPA ID:	CAD069122919
Facility Name:	CONTACT INTERNATIONAL CORPORATION
Facility Address:	1380 BORDEAUX DRIVE
Facility City:	SUNNYVALE
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	CONTACT INTERNATIONAL CORPORATION
Mailing Contact:	Not reported
Mailing Address:	1380 BORDEAUX DRIVE
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	94089

GREAT WESTERN BANK (Continued) **1000395533**

Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	408-734-0070

9

KOLTRON CORPORATION
1380 BORDEAUX DR
SUNNYVALE, CA 94086

HIST UST **U001594896**
N/A

HIST UST:

Region:	STATE
Facility ID:	00000020449
Tank Num:	001
Container Num:	1380
Year Installed:	1974
Tank Capacity:	00031500
Facility Type:	Other
Other Type:	MANUFACTURING
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	12 inches
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087340070
Owner Name:	KOLTRON CORPORATION
Owner Address:	1380 BORDEAUX DRIVE
Owner City,St,Zip:	SUNNYVALE, CA 94086

10

VERIAS SOFTWARE INC.
222 CASPIAN DRIVE
SUNNYVALE, CA 94089

AST **A100211474**
N/A

AST:

Owner:	VERITAS SOFTWARE INC.
Total Gallons:	1600

10

VALMARK IND, INC
1376 BORREGAS AVE
SUNNYVALE, CA 94089

RCRA-SQG **1000296134**
FINDS **CAD981379290**

VALMARK IND, INC (Continued) **1000296134**

RCRAInfo:

Owner:	GEORGE QUINN (415) 555-1212
EPA ID:	CAD981379290
Contact:	ENVIRONMENTAL MANAGER (409) 734-4253
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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10 **FIRST VEHICLE SERVICES** **CLEANERS** **S106858662**
1383 BORREGAS AVE **N/A**
SUNNYVALE, CA 94089

CLEANERS:

EPA Id:	CAL000289827
NAICS Code:	81149
NAICS Description:	Other Personal and Household Goods Repair and Maintenance
SIC Code:	7219
SIC Description:	Laundry and Garment Services, NEC (alteration and repair)
Create Date:	12/28/2004
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Mailing Name:	C/O STRATA ENVIRONMENTAL
Mailing Address:	110 PERIMETER PARK STE E
Mailing Address 2:	Not reported
Mailing State:	TN
Mailing Zip:	37922
Region Code:	2
Owner Name:	FIRST VEHICLE SERVICES
Owner Address:	705 CENTRAL AVE STE 300
Owner Address 2:	Not reported
Owner Telephone:	5132412200
Contact Name:	GREG JERNIGAN EXT 222
Contact Address:	110 PERIMETER PARK STE E
Contact Address 2:	Not reported
Contact Telephone:	8655392077

10	**HANDAR INC** **1380 BORREGAS AVE** **SUNNYVALE, CA 94089**	**RCRA-SQG** **FINDS**	**1000184885** **CAD981627417**

RCRAInfo:

Owner:	GEORGE QUINN (415) 555-1212
EPA ID:	CAD981627417
Contact:	ENVIRONMENTAL MANAGER (408) 734-9640
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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10	**ESL/AC BALL/COURSON CO.** **133 CASPIAN CT** **SUNNYVALE, CA 94089**	**LUST** **HIST LUST**	**S105194797** **N/A**

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501788
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1987-12-12 00:00:00
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2004-12-15 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1987-09-11 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported

ESL/AC BALL/COURSON CO. (Continued) **S105194797**

Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: Courson Co.
RP Address: 141 Caspian Court
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: ZSC
Staff Initials: LL
Lead Agency: Local Agency
Local Agency: 43000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W18F01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Preliminary site assessment underway
Facility Id: Not reported
Case Number: 06S1W18F01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 12/12/1987
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST:
Region: SANTA CLARA

ESL/AC BALL/COURSON CO. (Continued) **S105194797**

SCVWD ID:	06S1W18F01f
Closed Date:	12/15/2004
Lop Number:	14-375

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W18F01
Region Code:	2
Oversite Agency:	SCCDEH
Date Listed:	1988-01-01 00:00:00
Closed Date:	Not reported

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10 **AC BALL MENLO CASPIAN**
141 CASPIAN CT
SUNNYVALE, CA 94086

HAZNET **S101542256**
LUST **N/A**
SLIC

HAZNET:

Gepaid:	CAC002560488
Contact:	BRIAN KELLEHER
Telephone:	4085287719
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1658 E CAPITOL EPWY PMB 293
Mailing City,St,Zip:	SAN JOSE, CA 95121
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.45
Facility County:	Santa Clara

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Cleanup and Abatement Orders
Funding:	COSTRE
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SLT2O334224
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	1994-06-21 00:00:00
Monitoring:	Not reported
Close Date:	2004-02-18 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported

AC BALL MENLO CASPIAN (Continued) **S101542256**

MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	34506, 34496
Contact Person:	Not reported
Responsible Party:	NOT PROVIDED
RP Address:	125 NORTHRIDGE LANE
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	AVC
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	AGR, PROC, IND
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	Not reported
Case Number:	43s0265
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global Id:	T0608591628
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	1989-12-01 00:00:00
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported

AC BALL MENLO CASPIAN (Continued) **S101542256**

Monitoring:	Not reported
Close Date:	2004-02-18 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1985-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	1300216
Contact Person:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	CTH
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	43099L
Hydr Basin #:	Santa Clara Basin (2
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No
Local Case #:	Not reported
Case Number:	43S0265
Qty Leaked:	0
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

SLIC:

Region:	STATE
Global Id:	SLT2O334224
Assigned Name:	SLICSITE
Lead Agency Contact:	ADRIANA CONSTANTINESCU
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	43s0265
Responsible Party:	NOT PROVIDED
Recent Dtw:	Not reported
Substance Released:	34506, 34496, 34501, 34531, 34475, 39180, 34488

AC BALL MENLO CASPIAN (Continued) **S101542256**

Facility Status: **Case Closed**

SLIC:

Region: 2
Facility ID: 43s0265
Facility Status: Case Closed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility ID: 43S0265
Facility Status: Case Closed
Date Closed: 2/18/2004
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: 12/1/1989
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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10 **BALL A C CO**
141 CASPIAN CT
SUNNYVALE, CA 94086

RCRA-SQG
FINDS
RCRA-TSDF
CORRACTS
CERC-NFRAP

1000273602
CAD009225434

RCRAInfo Corrective Action Summary:

Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
Event Date: Not reported

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 05/16/1991

BALL A C CO (Continued) **1000273602**

RCRAInfo:
Owner: A.C. BALL COMPANY
(408) 734-9220
EPA ID: CAD009225434

Contact: Not reported

Classification: TSDF
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CORRACTS:

EPA ID:	CAD009225434
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	05/16/1991
Action:	CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s):	332994 332995 336399 336413 Small Arms Manufacturing Other Ordnance and Accessories Manufacturing All Other Motor Vehicle Parts Manufacturing Other Aircraft Parts and Auxiliary Equipment Manufacturing

EPA ID:	CAD009225434
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	Not reported
Action:	CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
NAICS Code(s):	332994 332995 336399 336413 Small Arms Manufacturing Other Ordnance and Accessories Manufacturing All Other Motor Vehicle Parts Manufacturing Other Aircraft Parts and Auxiliary Equipment Manufacturing

CERC-NFRAP:

Site ID:	0900361
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

BALL A C CO (Continued) **1000273602**

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	08/24/1990
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	02/11/1991
Priority Level:	Deferred to RCRA (Subtitle C)
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	05/16/1991
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	05/16/1991
Priority Level:	Not reported

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10 **E S L INC** **RCRA-SQG** **1000121659**
141 CASPIAN CT **FINDS** **CAD041472325**
SUNNYVALE, CA 94088

RCRAInfo:

Owner:	MENLO CASPIAN INVESTMENT CP (415) 322-2200
EPA ID:	CAD041472325
Contact:	TOM POCHYLSKI (408) 743-6101
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

10	**ESL AC BALL COURSON COMPA** **141 CASPIAN** **SUNNYVALE, CA 94089**	**HAZNET** **Cortese** **ENVIROSTOR**	**S101482365** **N/A**

HAZNET:

Gepaid:	CAC000715120
Contact:	A C BALL COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	141 CASPIAN COURT
Mailing City,St,Zip:	SUNNYVALE, CA 940880000
Gen County:	Santa Clara
TSD EPA ID:	WAD009477175
TSD County:	99
Waste Category:	Organic solids with halogens
Disposal Method:	Recycler
Tons:	1.6500
Facility County:	Santa Clara

Gepaid:	CAC001050544
Contact:	ALFRED AND MAY BALL
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	205 ELEANOR DRIVE
Mailing City,St,Zip:	WOODSIDE, CA 940620000
Gen County:	Santa Clara
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	2.5000
Facility County:	Santa Clara

Gepaid:	CAC000715120
Contact:	A C BALL COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	141 CASPIAN COURT
Mailing City,St,Zip:	SUNNYVALE, CA 940880000
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Disposal, Land Fill
Tons:	30.5340
Facility County:	Santa Clara

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

Region:	CORTESE
Facility Addr2:	Not reported

ENVIROSTOR:

ESL AC BALL COURSON COMPA (Continued) **S101482365**

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: HWMP
Lead Agency: HWMP
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360119
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Refer: RCRA**
Status Date: 1991-10-01 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.4136111111111
Longitude: -122.018333333333
Alias Name: 43360119
Alias Type: Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1991-10-01 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003, 10009, 10179
Potenital Description: * HALOGENATED SOLVENTS
Potenital Description: * HYDROCARBON SOLVENTS
Potenital Description: * Sludge - Paint
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

11 **1320-1322 BOURDEAUX DRIVE** **LUST** **S107473130**
1320-1322 BORDEAUX DRIVE **SLIC** **N/A**
SUNNYVALE, CA

LUST:

Region:	STATE
Case Type:	Drinking Water Aquifer affected
Cross Street:	MATHILDA DRIVE
Enf Type:	Not reported
Funding:	COSTRE
How Discovered:	PT
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL0608552478
Stop Date:	Not reported
Confirm Leak:	2005-12-22 00:00:00
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2005-12-22 00:00:00
Discover Date:	2002-01-01 00:00:00
Enforcement Dt:	Not reported
Release Date:	2005-12-22 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Perchlorethylene
Contact Person:	Not reported
Responsible Party:	DAVID DENNEY
RP Address:	3424 PEACHTREE ROAD, NE
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	AVC
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	02
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	Not reported
Case Number:	43s1071

1320-1322 BOURDEAUX DRIVE (Continued) **S107473130**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: LOW LEVELS OF PCE IN GROUNDWATER. IT IS LIKELY FROM AN UP GRADIENT SOURCE

SLIC:
Region: STATE
Global Id: SL0608552478
Assigned Name: SLICSITE
Lead Agency Contact: ADRIANA CONSTANTINESCU
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43s1071
Responsible Party: Not reported
Recent Dtw: Not reported
Substance Released: 127184
Facility Status: **Not reported**

11	**INFINERA CORPORATION** **1322 BORDEAUX DR** **SUNNYVALE, CA 94089**	**FINDS** **HAZNET** **RCRA-LQG**	**1005415477** **CAR000111443**

FINDS:
Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAR000111443
Contact: Paul Gaffney
Telephone: 4085725302
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1322 Bordeaux Dr
Mailing City,St,Zip: Sunnyvale, CA 94089
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 0.31

INFINERA CORPORATION (Continued) **1005415477**

Facility County: Not reported

Gepaid: CAR000111443
Contact: Paul Gaffney
Telephone: 4085725302
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1322 Bordeaux Dr
Mailing City,St,Zip: Sunnyvale, CA 94089
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Tons: 0.07
Facility County: Not reported

Gepaid: CAR000111443
Contact: Paul Gaffney
Telephone: 4085725302
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1322 Bordeaux Dr
Mailing City,St,Zip: Sunnyvale, CA 94089
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: 0.20
Facility County: Not reported

Gepaid: CAR000111443
Contact: Paul Gaffney
Telephone: 4085725302
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1322 Bordeaux Dr
Mailing City,St,Zip: Sunnyvale, CA 94089
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Not reported
Disposal Method: Not reported
Tons: 0.83
Facility County: Not reported

Gepaid: CAR000111443
Contact: Paul Gaffney
Telephone: 4085725302
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1322 Bordeaux Dr
Mailing City,St,Zip: Sunnyvale, CA 94089
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99

INFINERA CORPORATION (Continued) **1005415477**

Waste Category: Not reported
Disposal Method: Treatment, Tank
Tons: 4.37
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: TATUM OPERATIONS INC
(408) 436-5500
EPA ID: CAR000111443

Contact: PAUL GAFFNEY
(408) 572-5302

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	10445.85	D002	16882.40
D003	8745.85	D004	3276.30
D007	556.30	F003	710.00
F005	710.00		

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 12/09/2004
Actual Date Achieved Compliance: 01/11/2005

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/11/2005
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20050111

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12 **LOCKHEED MISSLES & SPACE CO** **RCRA-SQG** **1000270361**
480 E JAVA DR B591 **FINDS** **CAD981628829**
SUNNYVALE, CA 94088

RCRAInfo:
Owner: LOCKHEED M & S CO
(415) 555-1212
EPA ID: CAD981628829

Contact: ENVIRONMENTAL MANAGER
(408) 742-7661

Classification: Small Quantity Generator
TSDF Activities: Not reported

LOCKHEED MISSLES & SPACE CO (Continued) **1000270361**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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13 **TERRASENSE, INC** **RCRA-SQG** **1000353765**
395 JAVA DR **FINDS** **CAD982509887**
SUNNYVALE, CA 94089

RCRAInfo:
Owner: TERRASENSE, INC
(415) 555-1212
EPA ID: CAD982509887

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

14	**ESL** **1330 GENEVA DR** **SUNNYVALE, CA 94089**	**HAZNET** **LUST** **Cortese**	**S102429274** **N/A**

HAZNET:

Gepaid: CAC002554696
Contact: DAN HOFFMAN
Telephone: 4088226695
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 495 E JAVA DR
Mailing City,St,Zip: SUNNYVALE, CA 94089
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 2.52
Facility County: Not reported

LUST:

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Federal
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0608500552
Stop Date: 1989-10-16 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1990-05-22 00:00:00
Discover Date: 1989-10-16 00:00:00
Enforcement Dt: Not reported
Release Date: 1989-10-16 00:00:00
Review Date: 1989-12-21 00:00:00
Enter Date: 1989-12-27 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes

ESL (Continued) **S102429274**

Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MEJ
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-0503
Case Number: 43-0507
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 5/17/96 CONTROL NO 120-053 SRC 0904703

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: 43-0507
Case Number: 43-0503
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 1330 GENEVA DR

15	**SPECTRIAN** **350 W JAVA DRIVE** **SUNNYVALE, CA 94089**	**RCRA-SQG** **FINDS** **HAZNET** **EMI**	**1000270381** **CAD982526485**

RCRAInfo:

Owner:	SPECTRIAN (415) 961-1473
EPA ID:	CAD982526485
Contact:	JOHN ALDRIDGE (415) 961-1473
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAC001199448
Contact:	SPECTRIAN INC.
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	550 ELLIS
Mailing City,St,Zip:	MOUNTAIN VIEW, CA 940430000
Gen County:	Santa Clara
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	4.0033
Facility County:	Santa Clara

EMI:

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10673

SPECTRIAN (Continued) **1000270381**

Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10673
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10673
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10673
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1

SPECTRIAN (Continued) **1000270381**

Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10673
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10673
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10673
Air District Name: BA
SIC Code: 3663
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

SPECTRIAN (Continued) **1000270381**

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 10673
Air District Name: BA
SIC Code: 3663
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

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15 **CHMIRS** **S100221000**
399 JAVA DRIVE **Cortese** **N/A**
SUNNYVALE, CA 94086 **EMI**

CHMIRS:
OES Incident Number: 9019099
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 01-APR-90
Date Completed: 01-APR-90
Property Use: 700
Agency Id Number: 43105
Agency Incident Number: 90-14018
Time Notified: 1402
Time Completed: 1930
Surrounding Area: 700
Estimated Temperature: 60
Property Management: P
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: STEPHENS #87980
Report Date: 01-APR-90
Comments: N

(Continued) **S100221000**

Facility Telephone: 408 730-7100
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: Not reported
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 08-MAY-91
Substance: Not reported
Quantity Released: Not reported
BBLS: Not reported
Cups: Not reported
CUFT: Not reported
Gallons: Not reported
Grams: Not reported
Pounds: Not reported
Liters: Not reported
Ounces: Not reported
Pints: Not reported
Quarts: Not reported
Sheen: Not reported
Tons: Not reported
Unknown: Not reported
Description: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported

Cortese:
Region: CORTESE
Facility Addr2: Not reported

EMI:
Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2566
Air District Name: BA
SIC Code: 3645
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

(Continued) **S100221000**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2566
Air District Name:	BA
SIC Code:	3645
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1993
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2566
Air District Name:	BA
SIC Code:	3645
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2566
Air District Name:	BA
SIC Code:	3645
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1996

(Continued)

S100221000

Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2566
Air District Name: BA
SIC Code: 3645
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2566
Air District Name: BA
SIC Code: 3645
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2566
Air District Name: BA
SIC Code: 3645
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2566
Air District Name: BA
SIC Code: 3645
Air District Name: BAY AREA AQMD

(Continued) **S100221000**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2566
Air District Name:	BA
SIC Code:	3645
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2566
Air District Name:	BA
SIC Code:	5063
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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15 **PERKINELMER OPTOELECTRONICS (ILC)** **FINDS** **1000133524**
399 W JAVA DRIVE **RCRA-LQG** **CAD990843716**
SUNNYVALE, CA 94086

FINDS:
Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or

PERKINELMER OPTOELECTRONICS (ILC) (Continued) **1000133524**

dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo:

Owner:	ILC TECHNOLOGY INC (408) 745-7900
EPA ID:	CAD990843716
Contact:	Not reported
Classification:	Large Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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16 **CERMETEK MICROELECTRONICS INCORPORATED**
1308 BORREGAS AVENUE
SUNNYVALE, CA 94088

RCRA-SQG **1000298726**
FINDS **CAD982318396**

RCRAInfo:

Owner:	CERMETEK MICROELECTRONICS (415) 555-1212
EPA ID:	CAD982318396
Contact:	CHARLES KELLER (408) 752-5000
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

16	**LOCKHEED MISSLES & SPACE CO** **169 JAVA DR B535** **SUNNYVALE, CA 94088**	**RCRA-SQG** **FINDS** **HAZNET**	**1000270353** **CAD981626112**

RCRAInfo:

Owner: LOCKHEED M&S CO
(408) 555-1212
EPA ID: CAD981626112

Contact: H KIRK WILLARD
(408) 742-0243

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD981626112
Contact: LOCKHEED MISSILES SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAT080010101
TSD County: San Diego
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .0005
Facility County: Santa Clara

Gepaid: CAD981626112
Contact: LOCKHEED MISSILES SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAT080010101
TSD County: San Diego
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: .0240
Facility County: Santa Clara

LOCKHEED MISSLES & SPACE CO (Continued) **1000270353**

Gepaid: CAD981626112
Contact: LOCKHEED MISSILES SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAT080010101
TSD County: San Diego
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Transfer Station
Tons: .0300
Facility County: Santa Clara

Gepaid: CAD981626112
Contact: LOCKHEED MISSILES SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAT080010101
TSD County: San Diego
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Transfer Station
Tons: .1800
Facility County: Santa Clara

Gepaid: CAD981626112
Contact: LOCKHEED MISSILES SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: UTD981552177
TSD County: 99
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Treatment, Incineration
Tons: .0110
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

16	**AG ASSOCIATES** **1325 BORREGAS AVE** **SUNNYVALE, CA 94089**	**RCRA-SQG** **FINDS** **HAZNET** **Fresno Co. CUPA** **NY MANIFEST**	**1000158276** **CAD064753031**

RCRAInfo:

Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD064753031

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD064753031
Contact: CORPORATION
Telephone: 4087451790
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4425 FORTRAN DRIVE
Mailing City,St,Zip: SAN JOSE, CA 951340000
Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .1251
Facility County: Santa Clara

Gepaid: CAD064753031
Contact: CORPORATION
Telephone: 4087451790
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4425 FORTRAN DRIVE
Mailing City,St,Zip: SAN JOSE, CA 951340000
Gen County: Santa Clara
TSD EPA ID: IDD073114654
TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: .0275
Facility County: Santa Clara

AG ASSOCIATES (Continued) **1000158276**

Gepaid: CAD064753031
Contact: CORPORATION
Telephone: 4087451790
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4425 FORTRAN DRIVE
Mailing City,St,Zip: SAN JOSE, CA 951340000
Gen County: Santa Clara
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 10.1136
Facility County: Santa Clara

Gepaid: CAD064753031
Contact: CORPORATION
Telephone: 4087451790
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4425 FORTRAN DRIVE
Mailing City,St,Zip: SAN JOSE, CA 951340000
Gen County: Santa Clara
TSD EPA ID: CAT080010101
TSD County: San Diego
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .2918
Facility County: Santa Clara

Gepaid: CAD064753031
Contact: CORPORATION
Telephone: 4087451790
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4425 FORTRAN DRIVE
Mailing City,St,Zip: SAN JOSE, CA 951340000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: .2502
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
10 additional CA_HAZNET: record(s) in the EDR Site Report.

Fresno Co. CUPA:
Region: CUPA
Facility ID: FA0271990
APM Number: Not reported
Owner Name: AG & PRIORITY POLLUTANTS LABS
Program Element: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Region: CUPA
Facility ID: FA0271990

AG ASSOCIATES (Continued) **1000158276**

APM Number:	Not reported
Owner Name:	AG & PRIORITY POLLUTANTS LABS
Program Element:	HAZ MAT DISCLOSURE-BELOW REPORTING QUANTITY

NY MANIFEST:

Document ID:	NYB4196529
Manifest Status:	K
Trans1 State ID:	11588PNY
Trans2 State ID:	Not reported
Generator Ship Date:	940202
Trans1 Recv Date:	940202
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940217
Part A Recv Date:	940211
Part B Recv Date:	940303
Generator EPA ID:	CAD064753031
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00020
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	94
Facility Type:	Generator
EPA ID:	CAD064753031
Facility Name:	A.G. ASSOCIATES
Facility Address:	1325 BORREGAS AVE
Facility City:	SUNNYVALE
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	A.G. ASSOCIATES
Mailing Contact:	KEN BABCOCK
Mailing Address:	1325 BORREGAS AVE
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	00000
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	000-745-1790

16 REXNORD GAS DETECTION PRODUCTS
207 JAVA DR
SUNNYVALE, CA 94088

RCRA-SQG 1000318597
FINDS CAD981383524

RCRAInfo:

Owner: REXNORD, INC
(415) 555-1212
EPA ID: CAD981383524

Contact: ENVIRONMENTAL MANAGER
(408) 734-1221

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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17 LOCKHEED MISSLES & SPACE CO
111 JAVA DR B531
SUNNYVALE, CA 94088

RCRA-SQG 1000270352
FINDS CAD981626054

RCRAInfo:

Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981626054

Contact: MICHAEL J GRIFFIN
(408) 742-0165

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

18	**NORTHROP GRUMMAN MISSION SYSTEMS** **1212 BORDEAUX DR** **SUNNYVALE, CA 94088**	**RCRA-SQG** **FINDS**	**1006805742** **CAR000140665**

RCRAInfo:

Owner:	NORTHROP GRUMMAN SPACE & MISSION SYSTEMS
EPA ID:	CAR000140665
Contact:	TOM POCHYLSKI (408) 531-2094
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

18	**MEGASENSE INC** **1215 BORDEAUX DR** **SUNNYVALE, CA 94089**	**RCRA-SQG** **FINDS** **HAZNET** **EMI** **CA WDS**	**1004677860** **CAR000102343**

RCRAInfo:

Owner:	E J M DEVELOPMENT COMAPNY (310) 278-1830
EPA ID:	CAR000102343
Contact:	STEVE SIMPSON (408) 400-9700
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

MEGASENSE INC (Continued) **1004677860**

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAR000102343
Contact:	Steve Simpson
Telephone:	4084009700
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1215 Bordeaux Dr
Mailing City,St,Zip:	Sunnyvale, CA 94089
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	0.02
Facility County:	Not reported

Gepaid:	CAR000102343
Contact:	Steve Simpson
Telephone:	4084009700
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1215 Bordeaux Dr
Mailing City,St,Zip:	Sunnyvale, CA 94089
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Disposal, Other
Tons:	0.34
Facility County:	Not reported

Gepaid:	CAR000102343
Contact:	Steve Simpson
Telephone:	4084009700
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1215 Bordeaux Dr
Mailing City,St,Zip:	Sunnyvale, CA 94089
Gen County:	Santa Clara

MEGASENSE INC (Continued) **1004677860**

TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Treatment, Tank
Tons: 0.06
Facility County: Not reported

Gepaid: CAR000102343
Contact: ALLAN CRABILL/DIRECTOR OF FAB
Telephone: 4084608612
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1215 Bordeaux Dr
Mailing City,St,Zip: Sunnyvale, CA 94089
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Treatment, Tank
Tons: 0.27
Facility County: Santa Clara

Gepaid: CAR000102343
Contact: ALLAN CRABILL/DIRECTOR OF FAB
Telephone: 4084608612
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1215 Bordeaux Dr
Mailing City,St,Zip: Sunnyvale, CA 94089
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Laboratory waste chemicals
Disposal Method: Treatment, Incineration
Tons: 0
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:
Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 13353
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

MEGASENSE INC (Continued) **1004677860**

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 13353
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 13353
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.131
Reactive Organic Gases Tons/Yr: 0.1010134
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.002
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.00101

CA WDS:
Facility ID: San Francisco Bay 43I017008
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4084009700
Facility Contact: STEVE SIMPSON
Agency Name: MEGASENSE INC
Agency Address: 1215 Bordeaux Dr
Agency City,St,Zip: Sunnyvale 940891203
Agency Contact: STEVE SIMPSON
Agency Telephone: 4084009700
Agency Type: Private
SIC Code: Not reported
SIC Code 2: Not reported
Primary Waste: Not reported

MEGASENSE INC (Continued) **1004677860**

Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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18 **LOCKHEED MISSILES & SPACE CO** **RCRA-SQG** **1000270378**
1235 BORDEAUX DR B 588 **FINDS** **CAD982526451**
SUNNYVALE, CA 94088

RCRAInfo:

Owner:	LOCKHEED LMSC (408) 555-1212
EPA ID:	CAD982526451
Contact:	H KIRK WILLARD (408) 742-0243
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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18 **SUPERTEX, INC.** **HIST UST** **U001595007**
1225 BORDEAUX DR **N/A**
SUNNYVALE, CA 94089

HIST UST:

Region:	STATE
Facility ID:	00000019256
Tank Num:	001
Container Num:	1
Year Installed:	1980

SUPERTEX, INC. (Continued) **U001595007**

Tank Capacity:	00000900
Facility Type:	Other
Other Type:	SEMICOND. MANUFACT.
Total Tanks:	0003
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	GEORGE PARRISH
Telephone:	4087440100
Owner Name:	SUPERTEX, INC.
Owner Address:	1225 BORDEAUX DRIVE
Owner City,St,Zip:	SUNNYVALE, CA 94089

Region:	STATE
Facility ID:	00000019256
Tank Num:	002
Container Num:	2
Year Installed:	1979
Tank Capacity:	00000600
Facility Type:	Other
Other Type:	SEMICOND. MANUFACT.
Total Tanks:	0003
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	GEORGE PARRISH
Telephone:	4087440100
Owner Name:	SUPERTEX, INC.
Owner Address:	1225 BORDEAUX DRIVE
Owner City,St,Zip:	SUNNYVALE, CA 94089

Region:	STATE
Facility ID:	00000019256
Tank Num:	003
Container Num:	3
Year Installed:	1979
Tank Capacity:	00001200
Facility Type:	Other
Other Type:	SEMICOND. MANUFACT.
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	GEORGE PARRISH
Telephone:	4087440100
Owner Name:	SUPERTEX, INC.
Owner Address:	1225 BORDEAUX DRIVE
Owner City,St,Zip:	SUNNYVALE, CA 94089

18	**SUPERTEX, INC.** **1225 BORDEAUX DR** **SUNNYVALE, CA 94088**	**FINDS** **HAZNET** **RCRA-LQG** **CERC-NFRAP** **EMI** **NY MANIFEST**	**1000219434** **CAD010938538**

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid: CAD010938538
Contact: SUPERTEX INC
Telephone: 4087440100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1235 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940891203
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: .6255
Facility County: Santa Clara

Gepaid: CAD010938538
Contact: SUPERTEX INC
Telephone: 4087440100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1235 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940891203
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

SUPERTEX, INC. (Continued) **1000219434**

Disposal Method: Recycler
Tons: .6879
Facility County: Santa Clara

Gepaid: CAD010938538
Contact: SUPERTEX INC
Telephone: 4087440100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1235 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940891203
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Polymeric resin waste
Disposal Method: Not reported
Tons: .2293
Facility County: Santa Clara

Gepaid: CAD010938538
Contact: SUPERTEX INC
Telephone: 4087440100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1235 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940891203
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .2085
Facility County: Santa Clara

Gepaid: CAD010938538
Contact: SUPERTEX INC
Telephone: 4087440100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1235 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940891203
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Polymeric resin waste
Disposal Method: Recycler
Tons: .9172
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
67 additional CA_HAZNET: record(s) in the EDR Site Report.

SUPERTEX, INC. (Continued) **1000219434**

RCRAInfo:

Owner:	SUPERTEX INCORPORATED (408) 744-0100
EPA ID:	CAD010938538
Contact:	Not reported
Classification:	Large Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

CERC-NFRAP:

Site ID:	0901246
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	08/01/1980
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	01/01/1986
Date Completed:	06/01/1986
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	06/01/1986
Priority Level:	Not reported

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1769
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	4

SUPERTEX, INC. (Continued) **1000219434**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5365
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1769
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1769
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

SUPERTEX, INC. (Continued) **1000219434**

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1769
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1769
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1769
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1769
Air District Name: BA
SIC Code: 3674

SUPERTEX, INC. (Continued) **1000219434**

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 1769
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

NY MANIFEST:
Document ID: NYC5702005
Manifest Status: Not reported
Trans1 State ID: SCR000074591
Trans2 State ID: NYD982792814
Generator Ship Date: 09/07/2001
Trans1 Recv Date: 09/07/2001
Trans2 Recv Date: 09/13/2001
TSD Site Recv Date: 09/20/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: CAD010938538
Trans1 EPA ID: NYD000632372
Trans2 EPA ID: Not reported
TSDF ID: Not reported
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00050
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01
Facility Type: Generator
EPA ID: CAD010938538
Facility Name: SUPERTEX INC
Facility Address: 1225 BORDEAUX DRIVE
Facility City: SUNNYVALE
Facility Zip 4: Not reported

SUPERTEX, INC. (Continued) **1000219434**

Country:	USA
County:	Not reported
Mailing Name:	SUPERTEX INC
Mailing Contact:	ALAN BRYNING
Mailing Address:	1225 BORDEAUX DRIVE
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	94088
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	408-744-0100

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18 **DII ORBIT SEMICONDUCTOR (FORMER)**
1230 BORDEAUX DR
SUNNYVALE, CA 94089

HAZNET **S103979129**
LUST **N/A**
SLIC

HAZNET:

Gepaid:	CAL000140242
Contact:	TAIUNION INVESTMENT LTD
Telephone:	4087349888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1230 BORDEAUX DR
Mailing City,St,Zip:	SUNNYVALE, CA 940890000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	.0500
Facility County:	Santa Clara

Gepaid:	CAL000140242
Contact:	TAIUNION INVESTMENT LTD
Telephone:	4087349888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1230 BORDEAUX DR
Mailing City,St,Zip:	SUNNYVALE, CA 940890000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Laboratory waste chemicals
Disposal Method:	Treatment, Incineration
Tons:	.0100
Facility County:	Santa Clara

Gepaid:	CAL000140242
Contact:	TAIUNION INVESTMENT LTD
Telephone:	4087349888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1230 BORDEAUX DR
Mailing City,St,Zip:	SUNNYVALE, CA 940890000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste

DII ORBIT SEMICONDUCTOR (FORMER) (Continued) **S103979129**

Disposal Method:	Recycler
Tons:	.2293
Facility County:	Santa Clara

Gepaid:	CAL000140242
Contact:	TAIUNION INVESTMENT LTD
Telephone:	4087349888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1230 BORDEAUX DR
Mailing City,St,Zip:	SUNNYVALE, CA 940890000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Laboratory waste chemicals
Disposal Method:	Not reported
Tons:	.0100
Facility County:	Santa Clara

Gepaid:	CAL000140242
Contact:	TAIUNION INVESTMENT LTD
Telephone:	4087349888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1230 BORDEAUX DR
Mailing City,St,Zip:	SUNNYVALE, CA 940890000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	3.7736
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
43 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	NONE
Funding:	COSTRE
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL1823J1134
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2002-03-04 00:00:00

DII ORBIT SEMICONDUCTOR (FORMER) (Continued) **S103979129**

Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: 34475
Contact Person: Not reported
Responsible Party: KEVIN DURHAM
RP Address: 2456 FORTUNE DRIVE, SUITE 100
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: AVC
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1823J00
Case Number: 43s0945
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL1823J1134
Assigned Name: SLICSITE
Lead Agency Contact: ADRIANA CONSTANTINESCU
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43s0945
Responsible Party: KEVIN DURHAM
Recent Dtw: Not reported
Substance Released: 34475
Facility Status: **Case Closed**

DII ORBIT SEMICONDUCTOR (FORMER) (Continued) **S103979129**

SLIC:

Region:	2
Facility ID:	43s0945
Facility Status:	Case Closed
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

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18 **ORBIT SEMICONDUCTOR, INC.**
1230 BORDEAUX DR
SUNNYVALE, CA 94089

FINDS **1000474515**
HAZNET **CAT080012008**
RCRA-LQG
EMI
CA WDS
ENVIROSTOR

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid:	CAT080012008
Contact:	ORBIT SEMICONDUCTOR INC
Telephone:	4087441800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	169 JAVA DR
Mailing City,St,Zip:	SUNNYVALE, CA 940891016
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Other
Tons:	.5250
Facility County:	Santa Clara

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Gepaid: CAT080012008
Contact: ORBIT SEMICONDUCTOR INC
Telephone: 4087441800
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 169 JAVA DR
Mailing City,St,Zip: SUNNYVALE, CA 940891016
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: .1250
Facility County: Santa Clara

Gepaid: CAT080012008
Contact: ORBIT SEMICONDUCTOR INC
Telephone: 4087441800
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 169 JAVA DR
Mailing City,St,Zip: SUNNYVALE, CA 940891016
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: .0500
Facility County: Santa Clara

Gepaid: CAT080012008
Contact: ORBIT SEMICONDUCTOR INC
Telephone: 4087441800
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 169 JAVA DR
Mailing City,St,Zip: SUNNYVALE, CA 940891016
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Disposal, Other
Tons: .1251
Facility County: Santa Clara

Gepaid: CAT080012008
Contact: ORBIT SEMICONDUCTOR INC
Telephone: 4087441800
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 169 JAVA DR
Mailing City,St,Zip: SUNNYVALE, CA 940891016
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Disposal, Other

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Tons: .5087
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
102 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080012008

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2294
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2294
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2294
Air District Name:	BA

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2294
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2294
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 26
Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 11751
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 11751
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 11751
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 11751
Air District Name: BA
SIC Code: 4931
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 9
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11751
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11751
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

CA WDS:

Facility ID:	San Francisco Bay 43I018097
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	9492314535
Facility Contact:	Michael Gooch
Agency Name:	SKY WORKS SOLUTIONS INC
Agency Address:	1230 Bordeaux Dr
Agency City,St,Zip:	Sunnyvale 940891202
Agency Contact:	Michael Gooch
Agency Telephone:	9492314535
Agency Type:	?
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: Not reported
Baseline Flow: Not reported
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360133
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: 1999-04-16 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.41
Longitude: -122.023055555556
Alias Name: 43360133
Alias Type: Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED

ORBIT SEMICONDUCTOR, INC. (Continued) **1000474515**

Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

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18 **COMDIAL TECHNOLOGY DIVISION** **HIST UST** **U001594999**
1230 BORDEALIX DR. **N/A**
SUNNYVALE, CA 94089

HIST UST:

Region:	STATE
Facility ID:	00000001235
Tank Num:	001
Container Num:	1
Year Installed:	1971
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	SEMICONDUCTOR
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	4 inches
Leak Detection:	Visual
Contact Name:	MICHAEL COOK
Telephone:	4087441800
Owner Name:	CALIFORNIA PROPERTY PARTNER
Owner Address:	2345 YALE ST.
Owner City,St,Zip:	PALO ALTO, CA 94306

---

18 **ALPHA INDUSTRIES, INC.** **RCRA-LQG** **1007200316**
1230 BORDEAUX DRIVE **CAL000140242**
SUNNYVALE, CA 94089

RCRAInfo:

Contact:	BOGDAN GEORGESCU (408) 734-9888
Classification:	Large Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

18 **SKYWORKS SOLUTIONS** **RCRA-LQG** **1008194664**
1230 BORDEAUX DRIVE **CAL000257978**
SUNNYVALE, CA 94089

RCRAInfo:
Owner: 1230 BORDEAUX LP
EPA ID: CAL000257978

Contact: MICHAEL GOOCH
(949) 231-4535

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	34100.08	D002	34280.08
D003	3000.00	D004	82600.08
D009	30580.08	F003	30580.08
P098	30580.08	U002	30580.08
U019	30580.08	U133	30580.08
U134	30580.08		

Violation Status: No violations found

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18 **OEPIC INC** **RCRA-SQG** **1004677250**
1231 BORDEAUX DR **FINDS** **CAR000095026**
SUNNYVALE, CA 94089 **HAZNET**
EMI
CA WDS

RCRAInfo:
Owner: YI CHING PAO
(408) 747-0388
EPA ID: CAR000095026

Contact: MUSSIE BERHAN
(831) 688-9115

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

OEPIC INC (Continued) **1004677250**

HAZNET:

Gepaid: CAR000095026
Contact: BERHAN MUSSIE
Telephone: 8316889115
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1231 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Unspecified aqueous solution
Disposal Method: Transfer Station
Tons: 0.22
Facility County: Not reported

Gepaid: CAR000095026
Contact: BERHAN MUSSIE
Telephone: 8316889115
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1231 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 39.19
Facility County: Not reported

Gepaid: CAR000095026
Contact: BERHAN MUSSIE
Telephone: 8316889115
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1231 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.08
Facility County: Not reported

Gepaid: CAR000095026
Contact: BERHAN MUSSIE
Telephone: 8316889115
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1231 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues

OEPIC INC (Continued) **1004677250**

Disposal Method: Recycler
Tons: 0.41
Facility County: Not reported

Gepaid: CAR000095026
Contact: BERHAN MUSSIE
Telephone: 8316889115
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1231 BORDEAUX DR
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.20
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 13156
Air District Name: BA
SIC Code: 4931
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 13156
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

OEPIC INC (Continued) **1004677250**

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 13156
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 13156
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.006
Reactive Organic Gases Tons/Yr: 0.004983
Carbon Monoxide Emissions Tons/Yr: 0.002
NOX - Oxides of Nitrogen Tons/Yr: 0.008
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.001
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.000976

CA WDS:
Facility ID: San Francisco Bay 43I016631
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4087470388
Facility Contact: NATHAN THOMAS
Agency Name: YI CHING PAO
Agency Address: 1231 Bordeaux Dr
Agency City,St,Zip: Sunnyvale 940891203
Agency Contact: MUSSIE BERHAN
Agency Telephone: 8316889115
Agency Type: Private
SIC Code: Not reported
SIC Code 2: Not reported
Primary Waste: Not reported

OEPIC INC (Continued) **1004677250**

Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: Not reported
Baseline Flow: Not reported
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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18 **DIASONICS INCORPORATED** **RCRA-SQG** **1000385301**
1235 BORDEAUX DRIVE **FINDS** **CAD085305274**
SUNNYVALE, CA 94086

RCRAInfo:
Owner: DIASONICS, INC
(415) 555-1212
EPA ID: CAD085305274

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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19 **PAN AMERICAN SAVINGS** **LUST** **S101641946**
165 GILBRALTAR CT **SLIC** **N/A**
SUNNYVALE, CA 94089

LUST:
Region: STATE
Case Type: Undefined
Cross Street: Not reported
Enf Type: Not reported
Funding: Federal
How Discovered: Tank Closure

PAN AMERICAN SAVINGS (Continued) **S101641946**

How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608591767
Stop Date: 1993-05-26 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1993-05-26 00:00:00
Discover Date: 1993-05-26 00:00:00
Enforcement Dt: Not reported
Release Date: 1993-05-26 00:00:00
Review Date: 2000-10-11 00:00:00
Enter Date: 1993-05-26 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Solvents
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Yes
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: Not reported
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-1942
Case Number: 43-1942
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: OT.PCE@23,TCE@14,ACTNE@35PPB.9X55GAL AGST’S-SMS ALSO FILE 4TH FL

PAN AMERICAN SAVINGS (Continued) **S101641946**

SLIC:
Region: 2
Facility ID: 43-1942
Facility Status: Case Closed
Date Closed: 5/26/1993
Local Case #: 43-1942
How Discovered: Tank Closure
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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19 **SPECTRIAN** **RCRA-SQG** **1001023132**
160 GIBRALTER CT **HAZNET** **CAR000004903**
SUNNYVALE, CA 94089

RCRAInfo:
Owner: SPECTRIAN
(415) 961-1473
EPA ID: CAR000004903

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:
Gepaid: CAR000004903
Contact: SPECTRIAN
Telephone: 4087455400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTER CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: CAD069138899
TSD County: Santa Clara
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: .1042
Facility County: Santa Clara

Gepaid: CAR000004903
Contact: SPECTRIAN
Telephone: 4087455400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTER CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: CAD059494310

SPECTRIAN (Continued) **1001023132**

TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .7500
Facility County: Santa Clara

Gepaid: CAR000004903
Contact: SPECTRIAN
Telephone: 4087455400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTER CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: CAD069138899
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: .1065
Facility County: Santa Clara

Gepaid: CAR000004903
Contact: SPECTRIAN
Telephone: 4087455400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTER CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Other
Tons: .3753
Facility County: Santa Clara

Gepaid: CAR000004903
Contact: SPECTRIAN
Telephone: 4087455400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTER CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)
Disposal Method: Disposal, Other
Tons: 6.255
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
13 additional CA_HAZNET: record(s) in the EDR Site Report.

19 **CREE MICROWAVE, INC.**
160 GIBRALTAR CT
SUNNYVALE, CA 94089

HAZNET
RCRA-LQG
EMI
CA WDS

1001967378
CAR000068312

HAZNET:

Gepaid: CAR000068312
Contact: JOE HORNUNG/VICE PRESIDENT
Telephone: 4089627705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTAR CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Tons: 0.45
Facility County: Not reported

Gepaid: CAR000068312
Contact: JOE HORNUNG/VICE PRESIDENT
Telephone: 4089627705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTAR CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: Not reported
Tons: 0.03
Facility County: Not reported

Gepaid: CAR000068312
Contact: JOE HORNUNG/VICE PRESIDENT
Telephone: 4089627705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTAR CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: 0.5
Facility County: Not reported

Gepaid: CAR000068312
Contact: JOE HORNUNG/VICE PRESIDENT
Telephone: 4089627705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTAR CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara

CREE MICROWAVE, INC. (Continued) **1001967378**

TSD EPA ID: Not reported
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.04
Facility County: Not reported

Gepaid: CAR000068312
Contact: JOE HORNUNG/VICE PRESIDENT
Telephone: 4089627705
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 160 GIBRALTAR CT
Mailing City,St,Zip: SUNNYVALE, CA 940890000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Waste oil and mixed oil
Disposal Method: Treatment, Tank
Tons: 0.1
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
39 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: CREE INC
(919) 313-5300
EPA ID: CAR000068312

Contact: CHRIS TUBIS
(408) 745-5564

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	1734.78	D002	11652.21
D008	957.00	F001	1734.78
F003	957.00		

Violation Status: No violations found

EMI:
Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 12899
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0

CREE MICROWAVE, INC. (Continued) **1001967378**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 12899
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 12899
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 12899
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.869
Reactive Organic Gases Tons/Yr: 0.5125373
Carbon Monoxide Emissions Tons/Yr: 0.023
NOX - Oxides of Nitrogen Tons/Yr: 0.106
SOX - Oxides of Sulphur Tons/Yr: 0.002
Particulate Matter Tons/Yr: 0.017
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.011882

CREE MICROWAVE, INC. (Continued) **1001967378**

CA WDS:

Facility ID: San Francisco Bay 43I016308
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4087455564
Facility Contact: CHRIS TUBIS
Agency Name: ULTRARF
Agency Address: 160 Gibraltar Ct
Agency City,St,Zip: Sunnyvale 940891319
Agency Contact: CHRIS TUBIS
Agency Telephone: 4087455564
Agency Type: Private
SIC Code: Not reported
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: Not reported
Baseline Flow: Not reported
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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20 **HIGH CONNECTION DENSITY**
1267 BORREGAS AVE
SUNNYVALE, CA 94089

FINDS **1004676405**
RCRA-LQG **CAR000084780**

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HIGH CONNECTION DENSITY (Continued) **1004676405**

RCRAInfo:
Owner: TANTEM OPERATIONS INC
(408) 436-5500
EPA ID: CAR000084780

Contact: JOHN KLISCH
(408) 857-5347

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

20
LOCKHEED MISSLES & SPACE CO
212 GIBRALTAR DR B589
SUNNYVALE, CA 94088
RCRA-SQG **1000270359**
FINDS **CAD981628704**

RCRAInfo:
Owner: LOCKHEED M&S CO
(415) 555-1212
EPA ID: CAD981628704

Contact: JAMES SEAVER
(408) 742-0243

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

20
LOCKHEED MISSILES & SPACE CO
212 GIBRALTAR DR B589
SUNNYVALE, CA 94089
RCRA-SQG **1000270380**
CAD982526477

LOCKHEED MISSILES & SPACE CO (Continued) **1000270380**

RCRAInfo:

Owner:	LOCKHEED LMSC (415) 555-1212
EPA ID:	CAD982526477
Contact:	ENVIRONMENTAL MANAGER (408) 742-7661
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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21 **LOCKHEED MISSILES & SPACE CO**
1220 NORTH MATHILDA AVEN B562
SUNNYVALE, CA 94089

RCRA-SQG **1000270370**
FINDS **CAD982469124**

RCRAInfo:

Owner:	LOCKHEED LMSC (415) 555-1212
EPA ID:	CAD982469124
Contact:	JAMES SEAVER (408) 742-0243
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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22 **HANDAR**
1188 BORDEAUX DR
SUNNYVALE, CA 94089

RCRA-SQG **1000184886**
FINDS **CAD982370355**

HANDAR (Continued) **1000184886**

RCRAInfo:

Owner:	REDTREE PROPERTIES (415) 555-1212
EPA ID:	CAD982370355
Contact:	ENVIRONMENTAL MANAGER (408) 734-9640
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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22 **UTAH INTERNATIONAL INC. MINERA**
1190 BORDEAUX DR
SUNNYVALE, CA 94089

HIST UST **U001595008**
N/A

HIST UST:

Region:	STATE
Facility ID:	00000066502
Tank Num:	001
Container Num:	ML1
Year Installed:	1977
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	LABORATORY
Total Tanks:	0001
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	Unkown inches
Leak Detection:	None
Contact Name:	R.J. WESELY
Telephone:	4087441600
Owner Name:	UTAH INTERNATIONAL INC.
Owner Address:	550 CALIFORNIA STREET
Owner City,St,Zip:	SAN FRANCISCO, CA 94104

22 **UTAH INTERNATIONAL INC** **RCRA-SQG** **1000238228**
1190 BORDEAUX DR **FINDS** **CAD089955017**
SUNNYVALE, CA 94089

RCRAInfo:
Owner: A CATALDI & SON
(415) 555-1212
EPA ID: CAD089955017

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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22 **UTAH INTERNATIONAL INC.** **RCRA-SQG** **1007198684**
1190 BORDEAUX DR. **CAD006913347**
SUNNYVALE, CA 94089

RCRAInfo:
Contact: MICHAEL K YU
(408) 744-1600

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

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23 **LOCKHEED MISS. & SPACE CO.** **LUST** **S104241973**
1111 LOCKHEED WY **HIST LUST** **N/A**
SUNNYVALE, CA **CA WDS**

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: Not reported
Funding: Federal
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0608591726
Stop Date: 1989-11-13 00:00:00
Confirm Leak: Not reported
Workplan: Not reported

LOCKHEED MISS. & SPACE CO. (Continued) **S104241973**

Prelim Assess: 1989-04-29 00:00:00
Pollution Char: 1990-04-19 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1989-11-13 00:00:00
Enforcement Dt: Not reported
Release Date: 1989-11-13 00:00:00
Review Date: 2001-01-29 00:00:00
Enter Date: 1991-05-15 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Pollution Characterization
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: Department of Defense UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: AVC
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 43-0824
Case Number: 43-0824
Qty Leaked: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: TRANSFERRED FORM SCVWD DUE TO AGT’S SEE AGT SECTION ON 5TH FLR. ALSO ON SMS=REFERRED

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W13C01
Region Code: 2
Oversite Agency: SFRWQCB

LOCKHEED MISS. & SPACE CO. (Continued) **S104241973**

Date Listed:	1988-02-01 00:00:00
Closed Date:	Not reported

CA WDS:

Facility ID:	San Francisco Bay 43I006604
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4087420164
Facility Contact:	WESTON, MARK
Agency Name:	LOCKHEED MARTIN MISSILES & SPA
Agency Address:	PO Box 3504
Agency City,St,Zip:	Sunnyvale 940883504
Agency Contact:	WESTON, MARK
Agency Telephone:	4087420164
Agency Type:	Private
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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23 **LOCKHEED MISSILES & SPACE COMPANY INC.**
111 LOCKHEED WAY
SUNNYVALE, CA 94088

FINDS
RCRA-LQG
RCRA-TSDF
CORRACTS
CERC-NFRAP
NY MANIFEST

1000270340
CAD009125535

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo Corrective Action Summary:

Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date:	12/28/2000
Event:	Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date:	12/28/2000

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

Event:	Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date:	09/29/1997
Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date:	09/29/1997
Event:	CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date:	08/09/1994
Event:	Stabilization Measures Evaluation,This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.
Event Date:	08/09/1994
Event:	Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date:	02/28/1993
Event:	Stabilization Construction Completed
Event Date:	12/31/1991
Event:	CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date:	03/19/1991
Event:	CMS Approved
Event Date:	09/11/1990
Event:	RFI Approved
Event Date:	04/30/1990
Event:	RFI Workplan Approved
Event Date:	07/31/1989

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event Date: 02/28/1989

Event: RFI Imposition
Event Date: 01/20/1988

Event: CMS Workplan Approved
Event Date: 01/20/1988

RCRAInfo:
Owner: LOCKHEED MISSILES & SPACE COMPANY INC
(408) 742-7215
EPA ID: CAD009125535

Contact: ENVIRONMENTAL MANAGER
(408) 742-7661

Classification: Large Quantity Generator, TSDF
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	28674.00	D002	446129.00
D005	67432.00	D006	1340.00
D007	568214.00	D008	66890.00
D009	75.00	D011	3730.00
D035	81650.00	F001	1075.00
F002	57160.00	F003	71230.00
F005	71230.00	U154	57160.00
U159	57160.00	U220	57160.00
U223	860.00	U239	57160.00

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/10/2003
Actual Date Achieved Compliance: 07/21/2003

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 10/28/1986
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/10/2003
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL JUDICIAL ORDERS
Enforcement Action Date: 09/25/1987
Penalty Type: Final Monetary Penalty

Regulation Violated: 264.190-201.J
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/27/1995
Actual Date Achieved Compliance: 08/14/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/27/1995
Penalty Type: Not reported

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

Regulation Violated: 262.50-60
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/27/1995
Actual Date Achieved Compliance: 07/16/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/27/1995
Penalty Type: Not reported

Regulation Violated: 268.7
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 07/27/1995
Actual Date Achieved Compliance: 08/14/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/27/1995
Penalty Type: Not reported

Regulation Violated: 262.50-60
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/25/1991
Actual Date Achieved Compliance: 10/25/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/25/1991
Penalty Type: Not reported

Regulation Violated: 262.30-34.C
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/25/1991
Actual Date Achieved Compliance: 10/25/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/25/1991
Penalty Type: Not reported

Regulation Violated: 262.10-12.A
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/25/1991
Actual Date Achieved Compliance: 10/25/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/25/1991
Penalty Type: Not reported

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 12/08/1989
Actual Date Achieved Compliance: 01/30/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/20/1989
Penalty Type: Not reported

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 04/08/1988
Actual Date Achieved Compliance: 05/11/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/21/1988
Penalty Type: Not reported

Regulation Violated: 270

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/22/1988
Actual Date Achieved Compliance: 07/15/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/06/1988
Penalty Type: Not reported

Regulation Violated: 268 ALL
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 02/22/1988
Actual Date Achieved Compliance: 07/15/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/06/1988
Penalty Type: Not reported

Regulation Violated: 268.7
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 02/22/1988
Actual Date Achieved Compliance: 07/15/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/06/1988
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 03/24/1987
Actual Date Achieved Compliance: 02/22/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/24/1987
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL JUDICIAL ORDERS
Enforcement Action Date: 09/25/1987
Penalty Type: Final Monetary Penalty

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/26/1986
Actual Date Achieved Compliance: 02/22/1988

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 10/28/1986
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/10/2003
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL JUDICIAL ORDERS
Enforcement Action Date: 09/25/1987
Penalty Type: Final Monetary Penalty

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	6/15/1994	11560	STATE
Proposed Monetary Penalty	6/15/1994	11560	STATE

There are 14 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20030721
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19950814
	GENERATOR-LAND BAN REQUIREMENTS	19950814
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19980716
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19911025
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19911025
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19911025
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19900130
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19880511
Other Evaluation	TSD-LAND BAN REQUIREMENTS	19880715
	GENERATOR-LAND BAN REQUIREMENTS	19880715
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19880715
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19880222
Other Evaluation	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19880222

CORRACTS:

EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	01/20/1988
Action:	CA100 - RFI Imposition
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing

EPA ID:	CAD009125535
EPA Region:	9
Area Name:	GROUNDWATER
Actual Date:	01/20/1988
Action:	CA300 - CMS Workplan Approved
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing

EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	02/28/1989
Action:	CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing

EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	02/28/1993
Action:	CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing

EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	03/19/1991
Action:	CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing
EPA ID:	CAD009125535
EPA Region:	9
Area Name:	GROUNDWATER
Actual Date:	04/30/1990
Action:	CA200 - RFI Approved
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing
EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	07/31/1989
Action:	CA150 - RFI Workplan Approved
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing
EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	08/09/1994
Action:	CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing
EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	08/09/1994
Action:	CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing
EPA ID:	CAD009125535
EPA Region:	9
Area Name:	GROUNDWATER
Actual Date:	09/11/1990
Action:	CA350 - CMS Approved
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing
EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	09/29/1997
Action:	CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations,

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

	the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing

EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	09/29/1997
Action:	CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing

EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	12/28/2000
Action:	CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing

EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	12/28/2000
Action:	CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing

EPA ID:	CAD009125535
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	12/31/1991
Action:	CA650 - Stabilization Construction Completed
NAICS Code(s):	336414 Guided Missile and Space Vehicle Manufacturing

CERC-NFRAP:

Site ID:	0903124
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Deferred to RCRA

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)

Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 06/08/1990
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 03/19/1991
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 01/23/1996
Priority Level: Not reported

NY MANIFEST:
Document ID: NYB7180407
Manifest Status: K
Trans1 State ID: 11278PNY
Trans2 State ID: Not reported
Generator Ship Date: 961113
Trans1 Recv Date: 961114
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961125
Part A Recv Date: 961217
Part B Recv Date: 961213
Generator EPA ID: CAD009125535
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00019
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96
Facility Type: Generator
EPA ID: CAD009125535
Facility Name: LOCKHEED MISSILES & SPACE COMPANY INC
Facility Address: 1111 LOCKHEED WAY B131 0/47-30
Facility City: SUNNYVALE
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: LOCKHEED MISSILES & SPACE COMPANY INC
Mailing Contact: JAMES SONNEMAKER

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

Mailing Address:	1111 LOCKHEED WAY B131 0/47-30
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	94088
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	408-742-0164
Document ID:	NYB7180416
Manifest Status:	K
Trans1 State ID:	11340PNY
Trans2 State ID:	Not reported
Generator Ship Date:	970304
Trans1 Recv Date:	970304
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970321
Part A Recv Date:	970327
Part B Recv Date:	970402
Generator EPA ID:	CAD009125535
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00020
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00025
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97
Facility Type:	Generator
EPA ID:	CAD009125535
Facility Name:	LOCKHEED MISSILES & SPACE COMPANY INC
Facility Address:	1111 LOCKHEED WAY B131 0/47-30
Facility City:	SUNNYVALE
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	LOCKHEED MISSILES & SPACE COMPANY INC
Mailing Contact:	JAMES SONNEMAKER
Mailing Address:	1111 LOCKHEED WAY B131 0/47-30
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	94088
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	408-742-0164
Document ID:	NYC5828848
Manifest Status:	Not reported

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

Trans1 State ID: SCR000074591
Trans2 State ID: NYD982792814
Generator Ship Date: 12/01/2000
Trans1 Recv Date: 12/01/2000
Trans2 Recv Date: 12/04/2000
TSD Site Recv Date: 12/19/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: CAD009125535
Trans1 EPA ID: NYD000632372
Trans2 EPA ID: Not reported
TSDF ID: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00011
Units: P - Pounds
Number of Containers: 001
Container Type: CY - Cylinders
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 00
Facility Type: Generator
EPA ID: CAD009125535
Facility Name: LOCKHEED MISSILES & SPACE COMPANY INC
Facility Address: 1111 LOCKHEED WAY B131 0/47-30
Facility City: SUNNYVALE
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: LOCKHEED MISSILES & SPACE COMPANY INC
Mailing Contact: JAMES SONNEMAKER
Mailing Address: 1111 LOCKHEED WAY B131 0/47-30
Mailing City: SUNNYVALE
Mailing State: CA
Mailing Zip: 94088
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 408-742-0164

Document ID: NYB2860947
Manifest Status: K
Trans1 State ID: Not reported
Trans2 State ID: 214330
Generator Ship Date: 920211
Trans1 Recv Date: 920211
Trans2 Recv Date: 920221
TSD Site Recv Date: 920324
Part A Recv Date: Not reported
Part B Recv Date: 920422
Generator EPA ID: CAD009125535
Trans1 EPA ID: MDD980554653
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

LOCKHEED MISSILES & SPACE COMPANY INC. (Continued) **1000270340**

Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	92
Facility Type:	Generator
EPA ID:	CAD009125535
Facility Name:	LOCKHEED MISSILES & SPACE COMPANY INC
Facility Address:	1111 LOCKHEED WAY B131 0/47-30
Facility City:	SUNNYVALE
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	LOCKHEED MISSILES & SPACE COMPANY INC
Mailing Contact:	JAMES SONNEMAKER
Mailing Address:	1111 LOCKHEED WAY B131 0/47-30
Mailing City:	SUNNYVALE
Mailing State:	CA
Mailing Zip:	94088
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	408-742-0164

23
1111 LOCKHEED MARTIN WAY
SUNNYVALE, CA 94089

HAZNET **S104573315**
CHMIRS **N/A**
Cortese

HAZNET:

Gepaid:	CAC002234001
Contact:	GATEWAY LAND CO INC
Telephone:	4152637404
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	353 SACRAMENTO ST STE1740
Mailing City,St,Zip:	SAN FRANCISCO, CA 941110000
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Not reported
Tons:	2.5
Facility County:	Santa Clara

Gepaid:	CAC002234001
Contact:	GATEWAY LAND CO INC
Telephone:	4152637404
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	353 SACRAMENTO ST STE1740
Mailing City,St,Zip:	SAN FRANCISCO, CA 941110000
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	3.2
Facility County:	Santa Clara

Gepaid:	CAC002234001
Contact:	GATEWAY LAND CO INC

(Continued) **S104573315**

Telephone:	4152637404
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	353 SACRAMENTO ST STE1740
Mailing City,St,Zip:	SAN FRANCISCO, CA 941110000
Gen County:	Santa Clara
TSD EPA ID:	CAD981382732
TSD County:	1
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	64.0528
Facility County:	Santa Clara

Gepaid:	CAC002234001
Contact:	GATEWAY LAND CO INC
Telephone:	4152637404
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	353 SACRAMENTO ST STE1740
Mailing City,St,Zip:	SAN FRANCISCO, CA 941110000
Gen County:	Santa Clara
TSD EPA ID:	CAL000827758
TSD County:	San Bernardino
Waste Category:	Polychlorinated biphenyls and material containing PCB’s
Disposal Method:	Disposal, Land Fill
Tons:	17.5218
Facility County:	Santa Clara

Gepaid:	CAC002234001
Contact:	GATEWAY LAND CO INC
Telephone:	4152637404
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	353 SACRAMENTO ST STE1740
Mailing City,St,Zip:	SAN FRANCISCO, CA 941110000
Gen County:	Santa Clara
TSD EPA ID:	CAD981382732
TSD County:	1
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	16.8560
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

CHMIRS:

OES Incident Number:	01-7361
OES notification:	12/20/200112:53:28 PM
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported

(Continued) **S104573315**

Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities:Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: Yes
Waterway: storm drain
Spill Site: Not reported
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 2001
Agency: Lockheed Martin Space Systems
Incident Date: 12/20/200112:00:00 AM
Admin Agency: Santa Clara County Health Department
Amount: Not reported
Contained: Yes
Site Type: Industrial Plant
E Date: Not reported
Substance: Diesel Fuel;;;
Quantity Released: Not reported
BBLS: 0
Cups: 0
CUFT: 0
Gallons: 120
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0

(Continued) **S104573315**

Sheen:	0
Tons:	0
Unknown:	0
Description:	Product is from a bus, who had a break in the fuel line causing this release. The fuel tank holds 120 gallons, unknown how much fuel was released. Booms have been place across the storm drain to prevent further product from entering the storm drain dur
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported
Region:	CORTESE
Facility Addr2:	Not reported

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23 **LOCKHEED - BUILDING 101** **WMUDS/SWAT** **S101613620**
1111 LOCKHEED WY 0/47-10 B/101 **CA WDS** **N/A**
SUNNYVALE CA, CA 94089

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
Primary Waste:	Stormwater Runoff
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). ’Manageable’ hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Private
Agency Name:	LOCKHEED MARTIN MISSLES & SPAC
Agency Department:	Not reported
Agency Address:	1111 LOCKHEED WY 0/47-10 B/101
Agency City,St,Zip:	SUNNYVALE CA 94089
Agency Contact:	KIRK WILLARD
Agency Telephone:	4087427661
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	Not reported
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	2

LOCKHEED - BUILDING 101 (Continued) **S101613620**

Facility Type: Solid Waste Site-Class I - A solid waste facility at which hazardous waste may be treated or stored.
Facility Description: Not reported
Facility Telephone: Not reported
SWAT Facility Name: Not reported
Primary SIC: 3471
Secondary SIC: 3761
Comments: Not reported
Last Facility Editors: Not reported
Waste Discharge System: True
Solid Waste Assessment Test Program: False
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: False
Department of Defence: False
Solid Waste Assessment Test Program: Not reported
Threat to Water Quality: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Sub Chapter 15: True
Regional Board Project Officer: AWN
Number of WMUDS at Facility: 1
Section Range: Not reported
RCRA Facility: No
Waste Discharge Requirements: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Self-Monitoring Rept. Frequency: Quarterly Submittal
Waste Discharge System ID: 2 438067002
Solid Waste Information ID: Not reported

CA WDS:
Facility ID: San Francisco Bay 438067002
Facility Type: Solid Waste Site-Class I - A solid waste facility at which hazardous waste may be treated or stored.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: Not reported
Subregion: 2
Facility Telephone: Not reported
Facility Contact: KRAIG KURUCZ
Agency Name: LOCKHEED MARTIN SPACE SYSTEMS
Agency Address: 1111 LOCKHEED MARTIN WAY
Agency City,St,Zip: SUNNYVALE 94089
Agency Contact: ALLEN LUND
Agency Telephone: 4087560538
Agency Type: Private
SIC Code: 3471
SIC Code 2: 3761
Primary Waste: Stormwater Runoff
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0.0001

LOCKHEED - BUILDING 101 (Continued) **S101613620**

Baseline Flow:	0.0001
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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23 **LOCKHEED B/071**
1111 LOCKHEED WAY
SUNNYVALE, CA 94089

HAZNET **S100925062**
Toxic Pits **N/A**
SWEEPS UST

HAZNET:

Gepaid:	CAD009125535
Contact:	JIM SEAVER
Telephone:	4087420243
Facility Addr2:	Not reported
Mailing Name:	LOCKHEED MARTIN SPACE SYSTEMS
Mailing Address:	PO BOX 3504 B/157 0/EK-10
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Laboratory waste chemicals
Disposal Method:	Transfer Station
Tons:	0.1
Facility County:	Santa Clara

Gepaid:	CAD009125535
Contact:	JIM SEAVER
Telephone:	4087420243
Facility Addr2:	Not reported
Mailing Name:	LOCKHEED MARTIN SPACE SYSTEMS
Mailing Address:	PO BOX 3504 B/157 0/EK-10
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	UTD981552177
TSD County:	Santa Clara
Waste Category:	Organic liquids with metals Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Treatment, Incineration
Tons:	0.22
Facility County:	Santa Clara

Gepaid:	CAD009125535
Contact:	JIM SEAVER
Telephone:	4087420243
Facility Addr2:	Not reported
Mailing Name:	LOCKHEED MARTIN SPACE SYSTEMS

LOCKHEED B/071 (Continued) **S100925062**

Mailing Address: PO BOX 3504 B/157 0/EK-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: UTD981552177
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: 135.2
Facility County: Santa Clara

Gepaid: CAD009125535
Contact: JIM SEAVER
Telephone: 4087420243
Facility Addr2: Not reported
Mailing Name: LOCKHEED MARTIN SPACE SYSTEMS
Mailing Address: PO BOX 3504 B/157 0/EK-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: UTD981552177
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: 0.68
Facility County: Santa Clara

Gepaid: CAD009125535
Contact: JIM SEAVER
Telephone: 4087420243
Facility Addr2: Not reported
Mailing Name: LOCKHEED MARTIN SPACE SYSTEMS
Mailing Address: PO BOX 3504 B/157 0/EK-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: UTD981552177
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: 0.22
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
70 additional CA_HAZNET: record(s) in the EDR Site Report.

Toxic Pits:
Region: 02
Task #: 82006
Owner: LOCKHEED MISSILE & SPACE CO.
1/2 Mi Limit: N
Num. of Pits: 2
Cease Discharge Due: 01/01/89
Cease Discharge Complete: 06/01/87
Closure Due: 07/01/88
Closure Completed: 07/01/88
Status: CLOSED
Hydro Geological Assessment Report Due: / /
Final Hydro Geological Assessment Review Completed: 04/14/88

LOCKHEED B/071 (Continued) **S100925062**

SWEEPS UST:

Status: Not reported
Comp Number: 2996
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-002996-299601
Actv Date: Not reported
Capacity: 500
Tank Use: HAZARDOUS
Stg: WASTE
Content: HAZARDOUS WA
Number Of Tanks: 2

Status: Not reported
Comp Number: 2996
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-002996-299602
Actv Date: Not reported
Capacity: 350
Tank Use: HAZARDOUS
Stg: WASTE
Content: RINSE WATER
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 3025
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-003025-302503
Actv Date: Not reported
Capacity: 4000
Tank Use: HAZARDOUS
Stg: WASTE
Content: RINSE WATER
Number Of Tanks: 1

Status: Not reported
Comp Number: 3029
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported

LOCKHEED B/071 (Continued) **S100925062**

Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-003029-302901
Actv Date: Not reported
Capacity: 5000
Tank Use: HAZARDOUS
Stg: WASTE
Content: INDUSTRIAL W
Number Of Tanks: 2

Status: Not reported
Comp Number: 3029
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-003029-302903
Actv Date: Not reported
Capacity: 5000
Tank Use: HAZARDOUS
Stg: WASTE
Content: INDUSTRIAL W
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 6865
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-006865-686502
Actv Date: Not reported
Capacity: 560
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: 1

Status: A
Comp Number: 2996
Number: 1
Board Of Equalization: Not reported
Ref Date: 10-25-90
Act Date: 10-25-90
Created Date: 10-25-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-002996-299604
Actv Date: 12-06-90

LOCKHEED B/071 (Continued) **S100925062**

Capacity:	600
Tank Use:	CHEMICAL
Stg:	P
Content:	CHEMICAL PRO
Number Of Tanks:	1

Status:	A
Comp Number:	3010
Number:	1
Board Of Equalization:	Not reported
Ref Date:	11-06-90
Act Date:	11-06-90
Created Date:	11-06-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-003010-301002
Actv Date:	12-06-90
Capacity:	2000
Tank Use:	HAZARDOUS
Stg:	W
Content:	RINSE WATER
Number Of Tanks:	2

Status:	A
Comp Number:	3010
Number:	1
Board Of Equalization:	Not reported
Ref Date:	11-06-90
Act Date:	11-06-90
Created Date:	11-06-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-003010-301003
Actv Date:	01-19-94
Capacity:	2000
Tank Use:	CHEMICAL
Stg:	W
Content:	HAZARDOUS WA
Number Of Tanks:	Not reported

Status:	A
Comp Number:	3017
Number:	1
Board Of Equalization:	Not reported
Ref Date:	10-25-90
Act Date:	10-25-90
Created Date:	10-25-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-003017-301704
Actv Date:	10-25-90
Capacity:	1700
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	1

LOCKHEED B/071 (Continued) **S100925062**

Status: A
Comp Number: 3025
Number: 1
Board Of Equalization: Not reported
Ref Date: 11-06-90
Act Date: 11-06-90
Created Date: 11-06-90
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 3029
Number: 1
Board Of Equalization: Not reported
Ref Date: 11-05-90
Act Date: 11-05-90
Created Date: 11-05-90
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 5891
Number: 1
Board Of Equalization: Not reported
Ref Date: 11-05-90
Act Date: 11-05-90
Created Date: 11-05-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-005891-589101
Actv Date: 08-09-91
Capacity: 500
Tank Use: HAZARDOUS
Stg: W
Content: INDUSTRIAL W
Number Of Tanks: 1

Status: A
Comp Number: 6238
Number: 1
Board Of Equalization: Not reported
Ref Date: 10-25-90
Act Date: 10-25-90

LOCKHEED B/071 (Continued) **S100925062**

Created Date:	10-25-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-006238-623801
Actv Date:	10-25-90
Capacity:	1400
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	1

Status:	A
Comp Number:	6897
Number:	1
Board Of Equalization:	Not reported
Ref Date:	10-25-90
Act Date:	10-25-90
Created Date:	10-25-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-006897-689701
Actv Date:	10-25-90
Capacity:	1000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	2

Status:	A
Comp Number:	6897
Number:	1
Board Of Equalization:	Not reported
Ref Date:	10-25-90
Act Date:	10-25-90
Created Date:	10-25-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-006897-689702
Actv Date:	09-29-92
Capacity:	2500
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	A
Comp Number:	6938
Number:	1
Board Of Equalization:	Not reported
Ref Date:	10-25-90
Act Date:	10-25-90
Created Date:	10-25-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-006938-693801
Actv Date:	11-06-90
Capacity:	560

LOCKHEED B/071 (Continued) **S100925062**

Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	1

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23 **NAVAL INDUSTRIAL RESERVE ORDINANCE PLANT** **CERCLIS** **1000483110**
111 LOCKHEED WAY **FINDS** **CA2170022915**
SUNNYVALE, CA 94088

CERCLIS:

Site ID:	0902727
Federal Facility:	Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Fed Fac Site Inspection Review Start Needed

CERCLIS Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Philip Armstrong
Contact Tel:	(415) 972-3098
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Dan McMindes
Contact Tel:	(415) 972-3401
Contact Title:	Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):

Alias Name:	SUNNYVALE NAVAL INDUSTRIAL RESERVE ORDINANCE PLANT
Alias Address:	PO BOX 3504 SUNNYVALE, CA 94130

Site Description: Not reported

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	07/06/1990
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	12/11/1995
Priority Level:	High

FINDS:

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

24 **CONTROL DATA CORP**
1190 BORREGAS AVE
SUNNYVALE, CA 94086

RCRA-SQG **1000420045**
FINDS **CAT080011885**

RCRAInfo:

Owner:	HUMBOLT COURT ASSOCIATE ONE (415) 555-1212
EPA ID:	CAT080011885
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

25
1116 NORTH MATHILDA
SUNNYVALE, CA 94086

CHMIRS **S100275144**
N/A

CHMIRS:

OES Incident Number:	8908274
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	06-OCT-89
Date Completed:	**06-OCT-89**
Property Use:	500
Agency Id Number:	43105
Agency Incident Number:	89-47690
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	700
Estimated Temperature:	70
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported

(Continued) **S100275144**

Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	STEPHENS #87980
Report Date:	06-OCT-89
Comments:	Not reported
Facility Telephone:	408 730-7100
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	03-JUL-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

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25 **PACIFIC BELL** **LUST** **S107996454**
1140 N MATHILDA AVE **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S2W13J01f
Closed Date:	10/25/1997
Lop Number:	Not reported

25 **PACIFIC BELL**
1140 NORTH MATHILDA
SUNNYVALE, CA 94086

RCRA-SQG **1000251162**
FINDS **CAT080019946**
HAZNET
LUST
UST
HIST UST
HIST LUST
EMI
SWEEPS UST

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAT080019946
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAT080019946
Contact:	SHARON BAYLE/STAFF ASSOC
Telephone:	9258675741
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 5095
Mailing City,St,Zip:	SAN RAMON, CA 945830995
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	0.16
Facility County:	Not reported
Gepaid:	CAT080019946
Contact:	SHARON BAYLE/STAFF ASSOC

PACIFIC BELL (Continued) **1000251162**

Telephone:	9258675741
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 5095
Mailing City,St,Zip:	SAN RAMON, CA 945830995
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Tons:	1.60
Facility County:	Not reported

Gepaid:	CAT080019946
Contact:	PACIFIC BELL
Telephone:	9258236161
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	RM 3E000
Mailing City,St,Zip:	SAN RAMON, CA 945830995
Gen County:	Santa Clara
TSD EPA ID:	CAD981388952
TSD County:	Shasta
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	.1600
Facility County:	Santa Clara

Gepaid:	CAT080019946
Contact:	SHARON BAYLE/STAFF ASSOC
Telephone:	9258675741
Facility Addr2:	Not reported
Mailing Name:	RM1N200
Mailing Address:	PO BOX 5095
Mailing City,St,Zip:	SAN RAMON, CA 945830995
Gen County:	Santa Clara
TSD EPA ID:	CAD009466392
TSD County:	Santa Clara
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	0.01
Facility County:	Santa Clara

Gepaid:	CAT080019946
Contact:	PACIFIC BELL
Telephone:	9258236161
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	RM 3E000
Mailing City,St,Zip:	SAN RAMON, CA 945830995
Gen County:	Santa Clara
TSD EPA ID:	CAD043260702
TSD County:	San Mateo
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Not reported
Tons:	2.5020
Facility County:	Santa Clara

PACIFIC BELL (Continued) **1000251162**

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608502345
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1997-10-25 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1996-01-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Diesel
Contact Person:	Not reported
Responsible Party:	Pacific Bell
RP Address:	2600 Camino Ramon Rm 3E400V
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	ZSC
Staff Initials:	CT
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S2W13J01f

PACIFIC BELL (Continued) **1000251162**

Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported
Case Number: 06S2W13J01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

UST:
Region: STATE
Local Agency: Sunnyvale, Santa Clara County
Facility ID: 43-007-432860

HIST UST:
Region: STATE
Facility ID: 00000057858
Tank Num: 001
Container Num: 1
Year Installed: 1972
Tank Capacity: 00006000
Facility Type: Other
Other Type: SIC 4800
Total Tanks: 0001
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: None
Contact Name: E.J.KOEHLER
Telephone: 4155426758
Owner Name: PACIFIC BELL
Owner Address: 370 THIRD STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94107

HIST LUST:
Region: SANTA CLARA

PACIFIC BELL (Continued) **1000251162**

SCVWD ID:	06S2W13J01
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1997-10-22 00:00:00
Closed Date:	1997-10-25 00:00:00

EMI:

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	13549
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	13549
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	13549
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.02
Reactive Organic Gases Tons/Yr:	0.016734
Carbon Monoxide Emissions Tons/Yr:	0.056
NOX - Oxides of Nitrogen Tons/Yr:	0.259
SOX - Oxides of Sulphur Tons/Yr:	0.004
Particulate Matter Tons/Yr:	0.019
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.018544

PACIFIC BELL (Continued) **1000251162**

SWEEPS UST:

Status:	Not reported
Comp Number:	2860
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002860-286001
Actv Date:	Not reported
Capacity:	6000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	2

Status:	Not reported
Comp Number:	2860
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-002860-286002
Actv Date:	Not reported
Capacity:	1100
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	A
Comp Number:	2860
Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-30-90
Act Date:	07-30-90
Created Date:	07-30-90
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

25

MOFFET PARK AUTO CENTER
1135 N MATHILDA AVE
SANTA CLARA (County), CA

LUST

S107996340
N/A

LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W13R02f
Closed Date: 6/23/2000
Lop Number: 10-045

25

MOFFETT PARK AUTO CENTER
1135 MATHILDA AVE N
SUNNYVALE, CA

Cortese

S105033261
N/A

Cortese:
Region: CORTESE
Facility Addr2: 1135 MATHILDA AVE N

25

MOFFET PARK AUTO CENTER
1135 N MATHILDA AVE
SUNNYVALE, CA 94089

LUST
CA FID UST
HIST LUST
SWEEPS UST

S101623144
N/A

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: SEL
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608500949
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1988-02-17 00:00:00
Pollution Char: 1990-05-30 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2000-06-23 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1988-04-19 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: 1997-04-17 00:00:00
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: 15000
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported

MOFFET PARK AUTO CENTER (Continued) **S101623144**

Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	SCVTA
RP Address:	P.O. Box 6249
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	2
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	RC
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S2W13R02f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S2W13R02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	2/17/1988
Pollution Characterization Began:	5/30/1990
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CA FID UST:

Facility ID:	43001020
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported

MOFFET PARK AUTO CENTER (Continued) **S101623144**

Facility Phone: 4087341652
Mail To: Not reported
Mailing Address: 1135 N MATHILDA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SUNNYVALE 94086
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W13R02
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1989-01-01 00:00:00
Closed Date: 2000-06-23 00:00:00

SWEEPS UST:
Status: Not reported
Comp Number: 1251
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-001251-125101
Actv Date: Not reported
Capacity: 550
Tank Use: OIL
Stg: WASTE
Content: WASTE OIL
Number Of Tanks: 1

Status: A
Comp Number: 1251
Number: 2
Board Of Equalization: Not reported
Ref Date: 07-27-90
Act Date: 07-27-90
Created Date: 07-27-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-001251-125106
Actv Date: 12-05-90
Capacity: 20000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 1

25 **MOFFETT PARK AUTO REPAIR CENTE** **HIST UST** **U001594903**
1135 N MATHILDA AVE **N/A**
SUNNYVALE, CA 94086

HIST UST:
Region: STATE
Facility ID: 00000010416
Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00006000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0010
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: JAMES T GRIFFITH
Telephone: 4087341656
Owner Name: JAMES T. GRIFFITH
Owner Address: 2919 HOPKINS AVE
Owner City,St,Zip: REDWOOD CITY, CA 94062

Region: STATE
Facility ID: 00000010416
Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00005000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0010
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: JAMES T GRIFFITH
Telephone: 4087341656
Owner Name: JAMES T. GRIFFITH
Owner Address: 2919 HOPKINS AVE
Owner City,St,Zip: REDWOOD CITY, CA 94062

Region: STATE
Facility ID: 00000010416
Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00005000
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0010
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: JAMES T GRIFFITH
Telephone: 4087341656
Owner Name: JAMES T. GRIFFITH

MOFFETT PARK AUTO REPAIR CENTE (Continued) **U001594903**

Owner Address:	2919 HOPKINS AVE
Owner City,St,Zip:	REDWOOD CITY, CA 94062

Region:	STATE
Facility ID:	00000010416
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00006600
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0010
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	JAMES T GRIFFITH
Telephone:	4087341656
Owner Name:	JAMES T. GRIFFITH
Owner Address:	2919 HOPKINS AVE
Owner City,St,Zip:	REDWOOD CITY, CA 94062

Region:	STATE
Facility ID:	00000010416
Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00000500
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0010
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	JAMES T GRIFFITH
Telephone:	4087341656
Owner Name:	JAMES T. GRIFFITH
Owner Address:	2919 HOPKINS AVE
Owner City,St,Zip:	REDWOOD CITY, CA 94062

Region:	STATE
Facility ID:	00000010416
Tank Num:	006
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00006000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0010
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	JAMES T GRIFFITH
Telephone:	4087341656
Owner Name:	JAMES T. GRIFFITH

MOFFETT PARK AUTO REPAIR CENTE (Continued) **U001594903**

Owner Address:	2919 HOPKINS AVE
Owner City,St,Zip:	REDWOOD CITY, CA 94062

Region:	STATE
Facility ID:	00000010416
Tank Num:	007
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00005000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0010
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	JAMES T GRIFFITH
Telephone:	4087341656
Owner Name:	JAMES T. GRIFFITH
Owner Address:	2919 HOPKINS AVE
Owner City,St,Zip:	REDWOOD CITY, CA 94062

Region:	STATE
Facility ID:	00000010416
Tank Num:	008
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00005000
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0010
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	JAMES T GRIFFITH
Telephone:	4087341656
Owner Name:	JAMES T. GRIFFITH
Owner Address:	2919 HOPKINS AVE
Owner City,St,Zip:	REDWOOD CITY, CA 94062

Region:	STATE
Facility ID:	00000010416
Tank Num:	009
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00006600
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0010
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Groundwater Monitoring Well
Contact Name:	JAMES T GRIFFITH
Telephone:	4087341656
Owner Name:	JAMES T. GRIFFITH

MOFFETT PARK AUTO REPAIR CENTE (Continued) **U001594903**

Owner Address: 2919 HOPKINS AVE
Owner City,St,Zip: REDWOOD CITY, CA 94062

Region: STATE
Facility ID: 00000010416
Tank Num: 010
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00000500
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0010
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Groundwater Monitoring Well
Contact Name: JAMES T GRIFFITH
Telephone: 4087341656
Owner Name: JAMES T. GRIFFITH
Owner Address: 2919 HOPKINS AVE
Owner City,St,Zip: REDWOOD CITY, CA 94062

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26 **LMSC FACILITY 1,2, & 5** **HIST UST** **U001594897**
1111 LOCKHEED WAY **N/A**
SUNNYVALE, CA 94086

HIST UST:
Region: STATE
Facility ID: 00000024841
Tank Num: 001
Container Num: WT103-3
Year Installed: 1965
Tank Capacity: 00003800
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 14.25 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 002
Container Num: WT103-4
Year Installed: 1973
Tank Capacity: 00002000
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 8 inches

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	003
Container Num:	WTU03-6A&B
Year Installed:	1960
Tank Capacity:	00000858
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	10 inches
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	004
Container Num:	B109-G1
Year Installed:	1975
Tank Capacity:	00010000
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	005
Container Num:	B109-G2
Year Installed:	1975
Tank Capacity:	00010000
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	006
Container Num:	B109-G3
Year Installed:	1975
Tank Capacity:	00010000
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	007
Container Num:	B109-D
Year Installed:	Not reported
Tank Capacity:	00010000
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	008
Container Num:	WT109-1
Year Installed:	1981
Tank Capacity:	00001175
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	0.25 inches

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	009
Container Num:	WT125-1
Year Installed:	Not reported
Tank Capacity:	00002500
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	3/16 inches
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	010
Container Num:	B132
Year Installed:	Not reported
Tank Capacity:	00002160
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	011
Container Num:	B138
Year Installed:	Not reported
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	012
Container Num:	WT14E-1
Year Installed:	1980
Tank Capacity:	00001982
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	12 inches
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	013
Container Num:	WT150-2
Year Installed:	1980
Tank Capacity:	00004079
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	5/16 inches
Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

Region:	STATE
Facility ID:	00000024841
Tank Num:	014
Container Num:	WT151-2
Year Installed:	1981
Tank Capacity:	00004512
Facility Type:	Other
Other Type:	AEROSPACE
Total Tanks:	0029
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	9 inches

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 015
Container Num: WT159-8
Year Installed: 1967
Tank Capacity: 00007182
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 8 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 016
Container Num: WT159-9
Year Installed: 1967
Tank Capacity: 00007406
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 8 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 017
Container Num: WT170-1
Year Installed: Not reported
Tank Capacity: 00005000
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 018
Container Num: WT170-2
Year Installed: Not reported
Tank Capacity: 00005000
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 019
Container Num: WT170-3
Year Installed: 1975
Tank Capacity: 00004059
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 5/16 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 020
Container Num: WT170-4
Year Installed: 1975
Tank Capacity: 00008046
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 5/16 inches

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 021
Container Num: B170ECMS
Year Installed: 1969
Tank Capacity: 00053496
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 18 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 022
Container Num: B170ECMN
Year Installed: 1969
Tank Capacity: 00053946
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 18 inches
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 023
Container Num: B175-1
Year Installed: 1981
Tank Capacity: 00001795
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection: Not reported
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 024
Container Num: B175-2
Year Installed: 1981
Tank Capacity: 00001795
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Not reported
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 025
Container Num: B175-3
Year Installed: 1981
Tank Capacity: 00001795
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Not reported
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 026
Container Num: B175-4
Year Installed: 1981
Tank Capacity: 00001795
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection: Not reported
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 027
Container Num: WT562-1
Year Installed: 1975
Tank Capacity: 00003000
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 028
Container Num: WT562-2
Year Installed: 1975
Tank Capacity: 00003000
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4087427661
Owner Name: LOCKHEED MISSILES AND SPACE
Owner Address: 1111 LOCKHEED WAY
Owner City,St,Zip: SUNNYVALE, CA 94086

Region: STATE
Facility ID: 00000024841
Tank Num: 029
Container Num: WET TEST 1
Year Installed: Not reported
Tank Capacity: 00240000
Facility Type: Other
Other Type: AEROSPACE
Total Tanks: 0029
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 12 inches

LMSC FACILITY 1,2, & 5 (Continued) **U001594897**

Leak Detection:	Visual
Contact Name:	Not reported
Telephone:	4087427661
Owner Name:	LOCKHEED MISSILES AND SPACE
Owner Address:	1111 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94086

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26 **LOCKHEED MISSILES & SPACE CO** **RCRA-SQG** **1000270377**
266 CASPIAN DR B550 **FINDS** **CAD982526436**
SUNNYVALE, CA 94089

RCRAInfo:

Owner:	LOCKHEED LMSC (415) 555-1212
EPA ID:	CAD982526436
Contact:	ENVIRONMENTAL MANAGER (408) 742-7661
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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27 **YELLOW FREIGHT SYSTEMS, INC.** **Notify 65** **U000053062**
1220 NORTH FAIR OAKS AVEN **N/A**
SUNNYVALE, CA 92263

Notify 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Incident Description:	92263

28 **LOCKHEED MISSILES & SPACE CO** **RCRA-SQG** **1000270365**
1178 BORDEAX DRIVE B573 **FINDS** **CAD981979404**
SUNNYVALE, CA 94089 **HAZNET**

RCRAInfo:

Owner:	LOCKHEED M&S CO (408) 555-1212
EPA ID:	CAD981979404
Contact:	H KIRK WILLARD (408) 742-0243
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD981979404
Contact:	LOCKHEED MISSILES/SPACE CO
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Transfer Station
Tons:	0.025
Facility County:	Santa Clara

Gepaid:	CAD981979404
Contact:	LOCKHEED MISSILES/SPACE CO
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	NCD000648451
TSD County:	99
Waste Category:	Off-specification, aged, or surplus inorganics
Disposal Method:	Transfer Station
Tons:	.0065
Facility County:	Santa Clara

LOCKHEED MISSILES & SPACE CO (Continued) **1000270365**

Gepaid: CAD981979404
Contact: LOCKHEED MISSILES/SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: NCD000648451
TSD County: 99
Waste Category: Not reported
Disposal Method: Transfer Station
Tons: .0005
Facility County: Santa Clara

Gepaid: CAD981979404
Contact: LOCKHEED MISSILES/SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: NCD000648451
TSD County: 99
Waste Category: Off-specification, aged, or surplus inorganics
Disposal Method: Not reported
Tons: .0100
Facility County: Santa Clara

Gepaid: CAD981979404
Contact: LOCKHEED MISSILES/SPACE CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip: SUNNYVALE, CA 940883504
Gen County: Santa Clara
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: .0060
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

28

ATARI INC
1180 BORDEAUX
SUNNYVALE, CA 94086

RCRA-SQG 1000358115
FINDS CAT000612093

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT000612093

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

29

DESIGN OPTICS INC
155 MOFFETT PARK DR
SUNNYVALE, CA 94086

RCRA-SQG 1000252748
FINDS CAD076311018
CERC-NFRAP

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD076311018

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERC-NFRAP:
Site ID: 0901587
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

DESIGN OPTICS INC (Continued) **1000252748**

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	01/01/1981
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	01/01/1986
Date Completed:	06/01/1986
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	06/01/1986
Priority Level:	Not reported

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29 **MOFFETT PARK DR MCCANDLESS** **LUST** **S105194814**
215 MOFFETT PARK BLVD **N/A**
SUNNYVALE, CA 94089

LUST:

Region:	STATE
Case Type:	Undefined
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Federal
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608591769
Stop Date:	1988-11-01 00:00:00
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	1993-06-03 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	1988-11-01 00:00:00
Enforcement Dt:	Not reported
Release Date:	1988-11-01 00:00:00
Review Date:	2000-05-10 00:00:00
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported

MOFFETT PARK DR MCCANDLESS (Continued) **S105194814**

Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Pollution Characterization
Chemical:	Misc. Motor Vehicle Fuels
Contact Person:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	MEJ
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	43099L
Hydr Basin #:	Santa Clara Basin (2
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No
Local Case #:	SBS0684
Case Number:	43-1944
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	UPTO 1’ FP FOUND IN BORINGS, SOURCE NOT YET IDENTIFIED

LUST:

Region:	2
Facility Status:	Pollution Characterization
Facility Id:	43-1944
Case Number:	SBS0684
How Discovered:	Tank Closure
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	6/3/1993
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

30	**ONIZUKA AIR FORCE STATION** **1080 LOCKHEED WY** **SUNNYVALE, CA**	**HIST LUST**	**S104241974** **N/A**

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S2W13R01
Region Code:	2
Oversite Agency:	SFRWQCB
Date Listed:	1988-02-01 00:00:00
Closed Date:	Not reported

30	**SUNNYVALE AIR FORCE STATION** **1080 LOCKHEED WAY** **SUNNYVALE, CA 94088**	**HIST UST**	**U001594987** **N/A**

HIST UST:

Region:	STATE
Facility ID:	00000019295
Tank Num:	001
Container Num:	TK-8
Year Installed:	1970
Tank Capacity:	00031000
Facility Type:	Other
Other Type:	AFB
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	06
Tank Construction:	5/16 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	ALBERT W. FAULK
Telephone:	4087453641
Owner Name:	6594TH ABS, SUNNYVALE AIR FORC
Owner Address:	1080 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94088

Region:	STATE
Facility ID:	00000019295
Tank Num:	002
Container Num:	TK-9
Year Installed:	1970
Tank Capacity:	00031000
Facility Type:	Other
Other Type:	AFB
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	06
Tank Construction:	5/16 inches
Leak Detection:	Groundwater Monitoring Well
Contact Name:	ALBERT W. FAULK
Telephone:	4087453641
Owner Name:	6594TH ABS, SUNNYVALE AIR FORC
Owner Address:	1080 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94088

Region:	STATE
Facility ID:	00000019295
Tank Num:	003
Container Num:	TK-IW
Year Installed:	1970

SUNNYVALE AIR FORCE STATION (Continued) **U001594987**

Tank Capacity:	00000865
Facility Type:	Other
Other Type:	AFB
Total Tanks:	0003
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Groundwater Monitoring Well
Contact Name:	ALBERT W. FAULK
Telephone:	4087453641
Owner Name:	6594TH ABS, SUNNYVALE AIR FORC
Owner Address:	1080 LOCKHEED WAY
Owner City,St,Zip:	SUNNYVALE, CA 94088

30

ONIZUKA AIR FORCE BASE
1080 LOCKHEED WAY
SUNNYVALE, CA 94089

HAZNET
CA FID UST
EMI
SWEEPS UST

S101594451
N/A

HAZNET:

Gepaid:	CA8570025736
Contact:	HOWARD JO, ENVIRONMENTAL ENGR
Telephone:	4087523525
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1080 INNOVATION WAY
Mailing City,St,Zip:	SUNNYVALE, CA 940891235
Gen County:	Santa Clara
TSD EPA ID:	CAT080033681
TSD County:	Santa Clara
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	0
Facility County:	Santa Clara

Gepaid:	CA8570025736
Contact:	HOWARD JO, ENVIRONMENTAL ENGR
Telephone:	4087523525
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1080 INNOVATION WAY
Mailing City,St,Zip:	SUNNYVALE, CA 940891235
Gen County:	Santa Clara
TSD EPA ID:	CAT080013352
TSD County:	Santa Clara
Waste Category:	Adhesives
Disposal Method:	Recycler
Tons:	0.13
Facility County:	Santa Clara

Gepaid:	CA8570025736
Contact:	HOWARD JO, ENVIRONMENTAL ENGR
Telephone:	4087523525
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1080 INNOVATION WAY
Mailing City,St,Zip:	SUNNYVALE, CA 940891235
Gen County:	Santa Clara

ONIZUKA AIR FORCE BASE (Continued) **S101594451**

TSD EPA ID:	CAT080013352
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.02
Facility County:	Santa Clara

Gepaid:	CA8570025736
Contact:	HOWARD JO, ENVIRONMENTAL ENGR
Telephone:	4087523525
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1080 INNOVATION WAY
Mailing City,St,Zip:	SUNNYVALE, CA 940891235
Gen County:	Santa Clara
TSD EPA ID:	CAT080013352
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	0.05
Facility County:	Santa Clara

Gepaid:	CA8570025736
Contact:	HOWARD JO, ENVIRONMENTAL ENGR
Telephone:	4087523525
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1080 INNOVATION WAY
Mailing City,St,Zip:	SUNNYVALE, CA 940891235
Gen County:	Santa Clara
TSD EPA ID:	CAD088504881
TSD County:	Santa Clara
Waste Category:	Liquids with pH <UN-> 2 with metals
Disposal Method:	Transfer Station
Tons:	0.03
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
17 additional CA_HAZNET: record(s) in the EDR Site Report.

CA FID UST:

Facility ID:	43001067
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087523000
Mail To:	Not reported
Mailing Address:	PO BOX 3430
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94089
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported

ONIZUKA AIR FORCE BASE (Continued) **S101594451**

Status: Active

EMI:

Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 9
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 26
NOX - Oxides of Nitrogen Tons/Yr: 93
SOX - Oxides of Sulphur Tons/Yr: 2
Particulate Matter Tons/Yr: 3
Part. Matter 10 Micrometers & Smllr Tons/Yr: 3

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 42
NOX - Oxides of Nitrogen Tons/Yr: 150
SOX - Oxides of Sulphur Tons/Yr: 1
Particulate Matter Tons/Yr: 6
Part. Matter 10 Micrometers & Smllr Tons/Yr: 5

Year: 1995
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 19
NOX - Oxides of Nitrogen Tons/Yr: 67
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 2

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF

ONIZUKA AIR FORCE BASE (Continued) **S101594451**

Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 19
NOX - Oxides of Nitrogen Tons/Yr: 67
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 2

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 19
NOX - Oxides of Nitrogen Tons/Yr: 69
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smllr Tons/Yr: 2

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 12
NOX - Oxides of Nitrogen Tons/Yr: 43
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

ONIZUKA AIR FORCE BASE (Continued) **S101594451**

Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 13
SOX - Oxides of Sulphur Tons/Yr: 2
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 2000
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 13
SOX - Oxides of Sulphur Tons/Yr: 2
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 10
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 7
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

ONIZUKA AIR FORCE BASE (Continued) **S101594451**

Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 232
Air District Name: BA
SIC Code: 9711
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 11
SOX - Oxides of Sulphur Tons/Yr: 2
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1

SWEEPS UST:
Status: A
Comp Number: 6863
Number: 7
Board Of Equalization: Not reported
Ref Date: 02-27-92
Act Date: 02-27-92
Created Date: 02-27-92
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-006863-686305
Actv Date: 02-27-92
Capacity: 30000
Tank Use: M.V. FUEL
Stg: P
Content: JET FUEL
Number Of Tanks: 2

Status: A
Comp Number: 6863
Number: 7
Board Of Equalization: Not reported
Ref Date: 02-27-92
Act Date: 02-27-92
Created Date: 02-27-92
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-006863-686306
Actv Date: 02-27-92
Capacity: 30000
Tank Use: M.V. FUEL
Stg: P
Content: JET FUEL
Number Of Tanks: Not reported

30 **ONIZUKA AIR STATION**
1080 LOCKHEED
SUNNYVALE, CA 94089

HAZNET
Cortese
AST
ENVIROSTOR

S101661367
N/A

HAZNET:

Gepaid: CA8570025736
Contact: ONIZUKA AIR STATION USAF
Telephone: 4087523642
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 21 SOPS/CEV ONIZUKA AIR STA 1080 LOCKHEE
Mailing City,St,Zip: SUNNYVALE, CA 940891231
Gen County: Santa Clara
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .5865
Facility County: Santa Clara

Gepaid: CA8570025736
Contact: ONIZUKA AIR STATION USAF
Telephone: 4087523642
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 21 SOPS/CEV ONIZUKA AIR STA 1080 LOCKHEE
Mailing City,St,Zip: SUNNYVALE, CA 940891231
Gen County: Santa Clara
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Polychlorinated biphenyls and material containing PCB’s
Disposal Method: Transfer Station
Tons: .3005
Facility County: Santa Clara

Gepaid: CA8570025736
Contact: ONIZUKA AIR STATION USAF
Telephone: 4087523642
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 21 SOPS/CEV ONIZUKA AIR STA 1080 LOCKHEE
Mailing City,St,Zip: SUNNYVALE, CA 940891231
Gen County: Santa Clara
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .2293
Facility County: Santa Clara

Gepaid: CA8570025736
Contact: ONIZUKA AIR STATION USAF
Telephone: 4087523642
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 21 SOPS/CEV ONIZUKA AIR STA 1080 LOCKHEE
Mailing City,St,Zip: SUNNYVALE, CA 940891231
Gen County: Santa Clara

ONIZUKA AIR STATION (Continued) **S101661367**

TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Not reported
Disposal Method: Recycler
Tons: .5105
Facility County: Santa Clara

Gepaid: CA8570025736
Contact: ONIZUKA AIR STATION USAF
Telephone: 4087523642
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 21 SOPS/CEV ONIZUKA AIR STA 1080 LOCKHEE
Mailing City,St,Zip: SUNNYVALE, CA 940891231
Gen County: Santa Clara
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Transfer Station
Tons: .4250
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
266 additional CA_HAZNET: record(s) in the EDR Site Report.

Cortese:
Region: CORTESE
Facility Addr2: Not reported

AST:
Owner: DEPARTMENT OF THE AIR FORCE
Total Gallons: 60000

ENVIROSTOR:
Site Type: Military Evaluation
Site Type Detailed: Open Base
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: OMF - No (Sacramento)
Facility ID: 43970001
Site Code: 200284
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Refer: RWQCB**
Status Date: 1997-07-22 00:00:00
Restricted Use: NO
Funding: DERA
Latitude: 37.4019444444444
Longitude: -122.02
Alias Name: SUNNYVALE AIRFORCE STATION
CAMP PARKS COMMUNICATION ANNEX

ONIZUKA AIR STATION (Continued) **S101661367**

	SATELLITE TEST CENTER ONIZUKA AIR FORCE STATION 200284 ONIZUKA AIR STATION 43970001
Alias Type:	Alternate Name Alternate Name Alternate Name Alternate Name Project Code (Site Code) Alternate Name Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	1997-05-30 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	10088, 10009, 10179, 10199
Potenital Description:	* Polychlorinated Biphenyls - Materials with PCBs
Potenital Description:	* HYDROCARBON SOLVENTS
Potenital Description:	* Sludge - Paint
Potenital Description:	* WASTE OIL & MIXED OIL
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

30	**USAF ONIZUKA AIR FORCE BASE** **1080 LOCKHEED WY** **SUNNYVALE, CA 94089**	**CERCLIS** **RCRA-SQG** **FINDS**	**1000323882** **CA8570025736**

CERCLIS:

Site ID:	0902794
Federal Facility:	Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Fed Fac Site Inspection Review Start Needed

CERCLIS Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson

USAF ONIZUKA AIR FORCE BASE (Continued) **1000323882**

Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Philip Armstrong
Contact Tel: (415) 972-3098
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMindes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):
Alias Name: ONIZUKA AIR FORCE BASE
Alias Address: Not reported
CA
Alias Name: SUNNYVALE AIR FORCE STATION
Alias Address: Not reported
CA
Alias Name: SUNNYVALE AFS ONIZUKA
Alias Address: Not reported
CA
Alias Name: ONIZUKA USAF STATION
Alias Address: 6594 ABS/CC
SUNNYVALE, CA 96752
Site Description: Not reported

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 10/01/1985
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 12/15/1993
Priority Level: High

RCRAInfo:
Owner: US AIR FORCE
(408) 752-3000
EPA ID: CA8570025736

Contact: GERALD REID
(408) 752-3525

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial

USAF ONIZUKA AIR FORCE BASE (Continued) **1000323882**

plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

California - Hazardous Waste Tracking System - Datamart

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA’s programs. The vision for ICIS is to replace EPA’s independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

31	**LOCKHEED MISSILES & SPACE CO** **375 MOFFETT PARK DRIVE B558** **SUNNYVALE, CA 94088**	**RCRA-SQG** **FINDS** **HAZNET**	**1000270373** **CAD982481145**

LOCKHEED MISSILES & SPACE CO (Continued) **1000270373**

RCRAInfo:

Owner:	LOCKHEED LMSC (415) 555-1212
EPA ID:	CAD982481145
Contact:	H KIRK WILLARD (408) 742-0243
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD982481145
Contact:	LOCKHEED MISSILES & SPACE CO
Telephone:	4087428696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3504 B/101 0/47-10
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Tons:	.0940
Facility County:	Santa Clara

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32 **ESL INC SUBSIDIARY OF TRW** **CERC-NFRAP** **1003879014**
425 TASMAN **CAD981677040**
SUNNYVALE, CA 94089

CERC-NFRAP:

Site ID:	0902498
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson

ESL INC SUBSIDIARY OF TRW (Continued) **1003879014**

Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	10/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	03/01/1987
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	03/01/1987
Priority Level:	Not reported

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33 **LOCKHEED MARTIN OPERATIONS GROUP** **HAZNET** **S105085786**
155 B2 MOFFETT PARK DR **N/A**
SUNNYVALE, CA 94089

HAZNET:

Gepaid:	CAC002252737
Contact:	JOHN SHOOK
Telephone:	4087562015
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	7375 EXECUTIVE PLACE STE 101
Mailing City,St,Zip:	SEABROOK, MD 207062257
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Laboratory waste chemicals
Disposal Method:	Transfer Station
Tons:	.0085
Facility County:	Santa Clara

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33 **SUPER GRAPHICS** **RCRA-SQG** **1000905061**
155 MOFFETT PARK DR UNIT C2 **FINDS** **CA0000303123**
SUNNYVALE, CA 94089

SUPER GRAPHICS (Continued) **1000905061**

RCRAInfo:

Owner:	SUPER GRAPHICS (408) 541-9400
EPA ID:	CA0000303123
Contact:	MICHAEL WORTHINGTON (408) 541-9400
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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34 **PROFESSIONAL CENTER**
102 PERSIAN DR
SUNNYVALE, CA 94089

LUST **S101309550**
Cortese **N/A**
HIST LUST

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501070
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1986-01-14 00:00:00
Pollution Char:	1991-04-15 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1984-09-01 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2004-06-30 00:00:00
GW Qualifier:	=
Soil Qualifier:	=
Max MTBE GW ppb:	.5

PROFESSIONAL CENTER (Continued) **S101309550**

Max MTBE Soil ppb: 20
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Pollution Characterization
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Eddy Shen
RP Address: 727 Bicknell Rd
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: D
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZSC
Staff Initials: MJ
Lead Agency: Local Agency
Local Agency: 43000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S1W19D01f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Pollution Characterization
Facility Id: Not reported
Case Number: 06S1W19D01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/14/1986
Pollution Characterization Began: 4/15/1991
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19D01f

PROFESSIONAL CENTER (Continued) **S101309550**

Closed Date: Not reported
Lop Number: 07-044

Cortese:
Region: CORTESE
Facility Addr2: 102 PERSIAN DR

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W19D01
Region Code: 2
Oversite Agency: SCCDEH
Date Listed: 1985-01-01 00:00:00
Closed Date: Not reported

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35 **SUNNYVALE TECHNOLOGY CENTER**
894 ROSS DR
SUNNYVALE, CA 94086

CA FID UST **S101594592**
SWEEPS UST **N/A**

CA FID UST:
Facility ID: 43011287
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153222200
Mail To: Not reported
Mailing Address: 2882 SANDHILL DR
Mailing Address 2: Not reported
Mailing City,St,Zip: SUNNYVALE 94086
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 6890
Number: 3
Board Of Equalization: Not reported
Ref Date: 12-05-90
Act Date: 12-05-90
Created Date: 07-26-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-006890-689001
Actv Date: 07-26-90
Capacity: 150
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 1

35
SUNNYVALE TECHNOLOGY CENTER
892 ROSS DR
SUNNYVALE, CA 94086

CA FID UST
SWEEPS UST

S101594646
N/A

CA FID UST:
Facility ID: 43012231
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153222200
Mail To: Not reported
Mailing Address: 2882 SANDHILL RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SUNNYVALE 94086
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 6891
Number: 1
Board Of Equalization: Not reported
Ref Date: 07-26-90
Act Date: 07-26-90
Created Date: 07-26-90
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 43-007-006891-689101
Actv Date: 07-26-90
Capacity: 150
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 1

36
CIRCO
940 HAMLIN CT
SUNNYVALE, CA 94089

RCRA-SQG
FINDS
RCRA-TSDF
CORRACTS
CERC-NFRAP

1000176844
CAD009127739

RCRAInfo Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 03/25/1992

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 03/25/1992

CIRCO (Continued) **1000176844**

Event: RFA Completed
Event Date: 12/10/1990

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 12/21/1988

RCRAInfo:

Owner: FRED KING
(408) 734-8995
EPA ID: CAD009127739

Contact: Not reported

Classification: TSDF
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 03/22/1989
Actual Date Achieved Compliance: 12/13/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/23/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 03/22/1989
Actual Date Achieved Compliance: 12/13/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/23/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 03/07/1989
Actual Date Achieved Compliance: 12/13/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/23/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 03/26/1987
Actual Date Achieved Compliance: 12/13/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/20/1987
Penalty Type: Not reported

There are 4 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS	19891213
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19891213
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19891213
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19891213

CIRCO (Continued) **1000176844**

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CORRACTS:

EPA ID:	CAD009127739
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	03/25/1992
Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s):	334419 Other Electronic Component Manufacturing

EPA ID:	CAD009127739
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	03/25/1992
Action:	CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s):	334419 Other Electronic Component Manufacturing

EPA ID:	CAD009127739
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	12/10/1990
Action:	CA050 - RFA Completed
NAICS Code(s):	334419 Other Electronic Component Manufacturing

EPA ID:	CAD009127739
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	12/21/1988
Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s):	334419 Other Electronic Component Manufacturing

CERC-NFRAP:

CIRCO (Continued) **1000176844**

Site ID: 0901157
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/01/1985
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 11/01/1987
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 12/21/1988
Priority Level: Low

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 12/20/1990
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/20/1990
Priority Level: Not reported

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37 **CALIFORNIA MICROWAVE INC**
985 ALMANOR AVE
SUNNYVALE, CA 94086

RCRA-SQG
LUST
RESPONSE
SLIC
ENVIROSTOR

1000252415
CAD990790123

CALIFORNIA MICROWAVE INC (Continued) **1000252415**

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD990790123
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	05/26/1988
Actual Date Achieved Compliance:	07/26/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/03/1989
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Other Evaluation	GENERATOR-LAND BAN REQUIREMENTS	19890726

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	COSTRE
How Discovered:	RBD
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL20264882
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	2002-07-01 00:00:00
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	1995-06-07 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region

CALIFORNIA MICROWAVE INC (Continued) **1000252415**

Status:	Post remedial action monitoring
Chemical:	VOC
Contact Person:	Not reported
Responsible Party:	ADAPTIVE BROADBAND
RP Address:	BORREGAS AVE
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	MRF
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	MS_T,AS_T,IS_T
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	2026400
Case Number:	43S0529
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

RESPONSE:

Region:	RESPONSE
Facility ID:	43500007
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	Not reported
National Priorities List:	NO
Cleanup Oversight Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Lead Agency Description:	Not reported
Project Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Site Code:	Not reported
Assembly:	22
Senate:	13
Status:	Refer: RWQCB
Status Date:	1984-01-01 00:00:00
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.398125
Longitude:	-122.035197222222
Alias Name:	43500007
Alias Type:	Calsites ID Number
APN:	NONE SPECIFIED

CALIFORNIA MICROWAVE INC (Continued) **1000252415**

APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	1984-01-01 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	NONE SPECIFIED
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

SLIC:

Region:	STATE
Global Id:	SL20264882
Assigned Name:	SLICSITE
Lead Agency Contact:	MICHELLE REMBAUM-FOX
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	43S0529
Responsible Party:	ADAPTIVE BROADBAND
Recent Dtw:	Not reported
Substance Released:	VOC
Facility Status:	**Verification Monitoring Underway**

SLIC:

Region:	2
Facility ID:	43S0529
Facility Status:	Post remedial action monitoring
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	RBD
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

ENVIROSTOR:

Site Type:	State Response

CALIFORNIA MICROWAVE INC (Continued) **1000252415**

Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43500007
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 1984-01-01 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.398125
Longitude: -122.035197222222
Alias Name: 43500007
Alias Type: Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 1984-01-01 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potenital Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

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38 **METARAMICS, INC** **ENVIROSTOR** **S101482343**
1107 NORTH FAIROAKS AVENUE **N/A**
SUNNYVALE, CA 94089

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: NONE SPECIFIED

METARAMICS, INC (Continued) **S101482343**

Program Manager: MARK PIROS
Supervisor: MARK PIROS
Division Branch: North Coast
Facility ID: 43360075
Site Code: 200574
Assembly: 22
Senate: 13
Special Program: * CERC2
Status: No Further Action
Status Date: 1995-02-10 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3991666666667
Longitude: -122.011944444444
Alias Name: 200574
CAD982359168
CAD095984084
43360075
Alias Type: Project Code (Site Code)
EPA Identification Number
EPA Identification Number
Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: PEA completed. Review of documentation indicates a low level TCE contamination in groundwater. It was determined that the levels do not pose a risk to potential receptors. The source of the TCE does not appear to originate from the Metaramic site.PRELIM ASSESS DONE SI RECOMMENDED BASED ON GROUNDWATER CONTAMINATION (TCE), MEDIUM PRIORITYSITE SCREENING DONE CLOUSURE OVERSEEN BY SUNNYBALE FIRE DEPT PREVENTION BUREAU. DHS APPROVED REMOVAL OF NICHEL CONTM SOIL.The RWQCB believes that a regional GW problems exist.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 1995-02-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 1988-08-29 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1987-11-16 00:00:00
Confirmed: 30026,30027,30407
Confirmed Description: 1,1,1-Trichloroethane (TCA)
Confirmed Description: Trichloroethylene (TCE)
Confirmed Description: Nickel
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: OTH, SOIL
Media Affected Desc: Other Groundwater affected (uses other than drinking water)
Media Affected Desc: Soil
Management Required: NONE SPECIFIED
Management Required Desc: Not reported

METARAMICS, INC (Continued) **S101482343**

Potential:	30026, 30027, 30407
Potenital Description:	1,1,1-Trichloroethane (TCA)
Potenital Description:	Trichloroethylene (TCE)
Potenital Description:	Nickel
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	METAL PLATING - OTHER, UNKNOWN

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39 **LITTON APPLIED TECHNOLOGY** **RCRA-SQG** **1000417364**
785 MARY AVENUE **FINDS** **CAD981413016**
SUNNYVALE, CA 94088

RCRAInfo:

Owner:	PERRY-ARRILLAGA (415) 555-1212
EPA ID:	CAD981413016
Contact:	ENVIRONMENTAL MANAGER (408) 773-7198
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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40 **CALIFORNIA MICROWAVE INC** **RCRA-SQG** **1000252359**
985 ALMANOR AVE **FINDS** **CAD981445976**
SUNNYVALE, CA 94086

RCRAInfo:

Owner:	CALIFORNIA MICROWAVE SUNNYVALE PROD DIV (408) 732-4000
EPA ID:	CAD981445976
Contact:	PETER MORASCH (408) 732-4000
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

CALIFORNIA MICROWAVE INC (Continued) **1000252359**

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

41
SYSTRON-DONNER CORP. ADVANCED COMP. DI
735 PALOMAR AVE
SUNNYVALE, CA 94086
RCRA-SQG **1000420290**
FINDS **CAD057443087**

RCRAInfo:

Owner: SYSTRON-DONNER CORPORATION
(415) 555-1212
EPA ID: CAD057443087

Contact: ENVIRONMENTAL MANAGER
(408) 735-9660

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

41
TRAK MICROWAVE CORP WESTERN DIV
735 PALOMAR AVE
SUNNYVALE, CA 94086
RCRA-SQG **1000266829**
CAD102764636

TRAK MICROWAVE CORP WESTERN DIV (Continued) **1000266829**

RCRAInfo:

Owner:	PEERY & ARRILLAGA (415) 555-1212
EPA ID:	CAD102764636
Contact:	ENVIRONMENTAL MANAGER (408) 735-9660
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

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41 **EXAR**
750 PALOMAR
SUNNYVALE, CA 94086

CA FID UST **1000351106**
HIST UST **N/A**
SWEEPS UST

CA FID UST:

Facility ID:	43011710
Regulated By:	UTNKA
Regulated ID:	CAD059495
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4084346400
Mail To:	Not reported
Mailing Address:	750 PALOMAR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SUNNYVALE 94086
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST UST:

Region:	STATE
Facility ID:	00000000929
Tank Num:	001
Container Num:	1
Year Installed:	1979
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	ELECTRONICS MFG.
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	3/4 inches
Leak Detection:	Groundwater Monitoring Well
Contact Name:	STEVE ROBB
Telephone:	4087327970
Owner Name:	EXAR INTEGRATED SYSTEMS INC.
Owner Address:	750 PALOMAR
Owner City,St,Zip:	SUNNYVALE, CA 94086

SWEEPS UST:

Status:	Not reported

EXAR (Continued) **1000351106**

Comp Number:	3522
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	43-007-003522-352201
Actv Date:	Not reported
Capacity:	2000
Tank Use:	CHEMICAL
Stg:	WASTE
Content:	WASTE SOLVEN
Number Of Tanks:	1

---

41 **EXAR CORP**
750 PALOMAR AVENUE
SUNNYVALE, CA 94088

RCRA-SQG
FINDS
HAZNET
LUST
CERC-NFRAP
EMI

1000818156
CAD059495325

RCRAInfo:

Owner:	EXAR INTEGRATED SYSTEMS INC (TOYO ELECT) (408) 732-7970
EPA ID:	CAD059495325
Contact:	GLENN BANNERM (408) 732-7970
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid:	CAD059495325
Contact:	PERRY ARRILLAGA
Telephone:	4089800130
Facility Addr2:	Not reported

EXAR CORP (Continued) **1000818156**

Mailing Name: Not reported
Mailing Address: 750 PALOMAR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: San Mateo
TSD EPA ID: UTD991301748
TSD County: 99
Waste Category: Polychlorinated biphenyls and material containing PCB’s
Disposal Method: Disposal, Land Fill
Tons: .4011
Facility County: San Mateo

Gepaid: CAD059495325
Contact: PERRY ARRILLAGA
Telephone: 4089800130
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 750 PALOMAR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: San Mateo
TSD EPA ID: CAD990794133
TSD County: San Joaquin
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 16.8560
Facility County: San Mateo

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: Not reported
Funding: Federal
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0608591789
Stop Date: 1983-01-01 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1985-01-01 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: 1983-01-01 00:00:00
Enforcement Dt: Not reported
Release Date: 1983-01-01 00:00:00
Review Date: 2000-05-10 00:00:00
Enter Date: 1990-08-01 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43

EXAR CORP (Continued) **1000818156**

Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Preliminary site assessment underway
Chemical:	Solvents
Contact Person:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Interim:	No
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	Not reported
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	43099L
Hydr Basin #:	Santa Clara Basin (2
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No
Local Case #:	43-1967
Case Number:	43-1967
Qty Leaked:	Not reported
Abate Method:	No Action Taken - no action has as yet been taken at the site
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	SMS ALSO-SEE CSF FOR FILE

LUST:

Region:	2
Facility Status:	Preliminary site assessment underway
Facility Id:	43-1967
Case Number:	43-1967
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	1/1/1985
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CERC-NFRAP:

Site ID:	0901472
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

EXAR CORP (Continued) **1000818156**

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	11/01/1987
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	11/01/1987
Priority Level:	Not reported

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1894
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	24
Reactive Organic Gases Tons/Yr:	10
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1894
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	20
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0

EXAR CORP (Continued) **1000818156**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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41 **HOETRON INC**
776 PALOMAR AVENUE
SUNNYVALE, CA 94086

RCRA-SQG **1000179036**
FINDS **CAD982041139**

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD982041139
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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41 **TOPAZ TECHNOLOGIES**
783 PALOMAR AVE
SUNNYVALE, CA 94086

RCRA-SQG **1000257697**
FINDS **CAD041655093**
HAZNET

RCRAInfo:

Owner:	NOT REQUIRED (415) 555-1212
EPA ID:	CAD041655093
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TOPAZ TECHNOLOGIES (Continued) **1000257697**

HAZNET:

Gepaid: CAD041655093
Contact: TOPAZ TECHNOLOGIES
Telephone: 4083210810
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2391 ZANKER RD STE 370
Mailing City,St,Zip: SAN JOSE, CA 951310000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Off-specification, aged, or surplus inorganics
Disposal Method: Transfer Station
Tons: 0.0225
Facility County: Santa Clara

Gepaid: CAD041655093
Contact: TOPAZ TECHNOLOGIES
Telephone: 4083210810
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2391 ZANKER RD STE 370
Mailing City,St,Zip: SAN JOSE, CA 951310000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 0.035
Facility County: Santa Clara

Gepaid: CAD041655093
Contact: TOPAZ TECHNOLOGIES
Telephone: 4083210810
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2391 ZANKER RD STE 370
Mailing City,St,Zip: SAN JOSE, CA 951310000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Disposal, Other
Tons: 1.6454
Facility County: Santa Clara

Gepaid: CAD041655093
Contact: TOPAZ TECHNOLOGIES
Telephone: 4083210810
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2391 ZANKER RD STE 370
Mailing City,St,Zip: SAN JOSE, CA 951310000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Off-specification, aged, or surplus organics

TOPAZ TECHNOLOGIES (Continued) **1000257697**

Disposal Method:	Disposal, Other
Tons:	0.2328
Facility County:	Santa Clara
Gepaid:	CAD041655093
Contact:	TOPAZ TECHNOLOGIES
Telephone:	4083210810
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2391 ZANKER RD STE 370
Mailing City,St,Zip:	SAN JOSE, CA 951310000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Tons:	3.2
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

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41 **CALLIDA GENOMICS INC** **RCRA-SQG** **1008372036**
670 ALMANOR AVE **HAZNET** **CAR000162008**
SUNNYVALE, CA 94085

RCRAInfo:

Owner:	CALLIDA GENOMICS INC
EPA ID:	CAR000162008
Contact:	ADAM BORCHERDING 408-739-2353
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

HAZNET:

Gepaid:	CAR000162008
Contact:	ADAM P BORCHERDING
Telephone:	4087392353
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	670 ALMANOR AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940850000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	0.45
Facility County:	Not reported

41	**INTERGRADED SILICONE SOLUTION INC** **675 ALMANOR AVE, #102** **SUNNYVALE, CA 94086**	**HAZNET**	**S105722815** **N/A**

HAZNET:

Gepaid:	CAL000093172
Contact:	UNDELIVERABLE PER 95 FEES FORM
Telephone:	4087334774
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 ALMANOR AVE, #102
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	0.06
Facility County:	Not reported

Gepaid:	CAL000093172
Contact:	UNDELIVERABLE PER 95 FEES FORM
Telephone:	4087334774
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 ALMANOR AVE, #102
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Not reported
Tons:	0.02
Facility County:	Not reported

Gepaid:	CAL000093172
Contact:	UNDELIVERABLE PER 95 FEES FORM
Telephone:	4087334774
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 ALMANOR AVE, #102
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Marin
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	0.02
Facility County:	Not reported

41	**NUVELO** **675 ALMANOR AVE** **SUNNYVALE, CA 94086**	**FINDS** **HAZNET**	**1008152629** **110018960329**

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

HAZNET:

Gepaid:	CAR000143396
Contact:	LEIGH GANSCHOW
Telephone:	4082154000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 ALMANOR AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	0.68
Facility County:	Santa Clara

Gepaid:	CAR000143396
Contact:	LEIGH GANSCHOW
Telephone:	4082154000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 ALMANOR AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.91
Facility County:	Santa Clara

Gepaid:	CAR000143396
Contact:	LEIGH GANSCHOW
Telephone:	4082154000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 ALMANOR AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Other organic solids
Disposal Method:	Disposal, Land Fill
Tons:	0.29
Facility County:	Santa Clara

Gepaid:	CAR000143396
Contact:	LEIGH GANSCHOW

NUVELO (Continued) **1008152629**

Telephone: 4082154000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 675 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Alkaline solution without metals (pH > 12.5)
Disposal Method: Recycler
Tons: 0.22
Facility County: Santa Clara

Gepaid: CAR000143396
Contact: LEIGH GANSCHOW
Telephone: 4082154000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 675 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Alkaline solution without metals (pH > 12.5)
Disposal Method: Not reported
Tons: 0.45
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

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41 **HYSEQ INC** **HAZNET** **S103969627**
675 ALMANOR AVE **N/A**
SUNNYVALE, CA 94086

HAZNET:
Gepaid: CAL000147735
Contact: HYSEQ INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 670 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Tons: .3544
Facility County: Santa Clara

Gepaid: CAL000147735
Contact: HYSEQ INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 670 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000

HYSEQ INC (Continued) **S103969627**

Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.0208
Facility County: Santa Clara

Gepaid: CAL000147735
Contact: HYSEQ INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 670 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Tons: 2.6271
Facility County: Santa Clara

Gepaid: CAL000147735
Contact: HYSEQ INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 670 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.2502
Facility County: Santa Clara

Gepaid: CAL000147735
Contact: HYSEQ INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 670 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: 0.265
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
29 additional CA_HAZNET: record(s) in the EDR Site Report.

Map ID	Site	Database(s)	EDR ID Number / EPA ID Number
41	**645/675 ALMANOR, ET AL** **645/675 ALMANOR AVE** **SUNNYVALE, CA**	**LUST** **SLIC**	**S106235128** **N/A**

LUST:
Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: COSTRE
How Discovered: CMP
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL1823U916
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 1998-09-03 00:00:00
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Post remedial action monitoring
Chemical: VOC
Contact Person: Not reported
Responsible Party: PPV ALMANOR ENVIRONMENTAL
RP Address: CRISTICH LN
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: DIB
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MS_T
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1823U00
Case Number: SL1823U916

645/675 ALMANOR, ET AL (Continued) **S106235128**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL1823U916
Assigned Name: SLICSITE
Lead Agency Contact: DAVID BARR
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: SL1823U916
Responsible Party: PPV ALMANOR ENVIRONMENTAL
Recent Dtw: Not reported
Substance Released: VOC
Facility Status: **Verification Monitoring Underway**

SLIC:
Region: 2
Facility ID: SL1823U916
Facility Status: Post remedial action monitoring
Date Closed: Not reported
Local Case #: Not reported
How Discovered: CMP
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

42	**LITTON APPLIED TECHNOLOGY** **525 ALMANOR AVENUE** **SUNNYVALE, CA 94088**	**RCRA-SQG** **FINDS** **LUST** **SLIC** **CERC-NFRAP** **EMI** **ENVIROSTOR**	**1000284774** **CAD077171031**

LITTON APPLIED TECHNOLOGY (Continued) **1000284774**

RCRAInfo:
Owner: B R E PROPERTIES
(415) 555-1212
EPA ID: CAD077171031

Contact: ENVIRONMENTAL MANAGER
(408) 365-4678

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 10/05/1984
Actual Date Achieved Compliance: 10/05/1984

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19841005

FINDS:
Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:
Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: COSTRE
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SLT2O333223
Stop Date: Not reported
Confirm Leak: 2001-03-08 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported

LITTON APPLIED TECHNOLOGY (Continued) **1000284774**

Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: Not reported
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Leak being confirmed
Chemical: Not reported
Contact Person: Not reported
Responsible Party: KEVIN SARKISIAN
RP Address: 888 DOOLITTLE DRIVE
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MRF
Staff Initials: Not reported
Lead Agency: Not reported
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: SLT2O333223
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Region: STATE
Case Type: Undefined
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK

LITTON APPLIED TECHNOLOGY (Continued) **1000284774**

Global Id:	T0608591618
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	1988-05-11 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1988-05-22 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Pollution Characterization
Chemical:	Solvents
Contact Person:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	CTH
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	43099L
Hydr Basin #:	Santa Clara Basin (2
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No
Local Case #:	Not reported
Case Number:	43S0186
Qty Leaked:	0
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

Region:	STATE
Case Type:	Undefined

LITTON APPLIED TECHNOLOGY (Continued) **1000284774**

Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Federal
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Structure Failure
Leak Source:	Tank
Global Id:	T0608591775
Stop Date:	1988-05-11 00:00:00
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	1988-05-11 00:00:00
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discover Date:	1988-05-11 00:00:00
Enforcement Dt:	Not reported
Release Date:	1988-05-11 00:00:00
Review Date:	2000-05-10 00:00:00
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Pollution Characterization
Chemical:	Solvents
Contact Person:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Interim:	No
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	Not reported
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	43099L
Hydr Basin #:	Santa Clara Basin (2
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No
Local Case #:	43-1950
Case Number:	43-1950
Qty Leaked:	Not reported
Abate Method:	No Action Taken - no action has as yet been taken at the site
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported

LITTON APPLIED TECHNOLOGY (Continued) **1000284774**

Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: SMS ALSO-SEE CSF FOR FILE

SLIC:
Region: STATE
Global Id: SLT2O333223
Assigned Name: SLICSITE
Lead Agency Contact: Not reported
Lead Agency: Not reported
Lead Agency Case Number: Not reported
Responsible Party: KEVIN SARKISIAN
Recent Dtw: Not reported
Substance Released: Not reported
Facility Status: Not reported

SLIC:
Region: 2
Facility ID: 43-1950
Facility Status: Pollution Characterization
Date Closed: Not reported
Local Case #: 43-1950
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: 5/11/1988
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility ID: 43S0186
Facility Status: Pollution Characterization
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: 5/11/1988
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility ID: SLT2O333223
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported

LITTON APPLIED TECHNOLOGY (Continued) **1000284774**

Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CERC-NFRAP:
Site ID: 0901594
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1986
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 02/01/1987
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 02/01/1987
Priority Level: Not reported

EMI:
Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 3080
Air District Name: BA
SIC Code: 3663
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0

LITTON APPLIED TECHNOLOGY (Continued) **1000284774**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3080
Air District Name:	BA
SIC Code:	3663
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	28
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43280123
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1994-07-27 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3969444444444
Longitude:	-122.03
Alias Name:	43280123
Alias Type:	Calsites ID Number
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Site Screening Done: Site has soil contamination; recommend medium-priority Preliminary Assessment. Sample Results: Trichloroethylene in soil samples. 1,2 dichloroethylene - 130 ppb. Methylene chloride - 1.5 ppb in duplicate sample. Additional data and information are re- quired to determine whether methylene chloride is actually present at the site. Site is listed on Cortese.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	1990-01-16 00:00:00

LITTON APPLIED TECHNOLOGY (Continued) **1000284774**

Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003, 10067, 10097, 10197, 30515
Potenital Description: * HALOGENATED SOLVENTS
Potenital Description: * OXYGENATED SOLVENTS
Potenital Description: * CONTAMINATED SOIL
Potenital Description: * UNSPECIFIED SLUDGE WASTE
Potenital Description: Selenium
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

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43 **DA LES AUTO BODY**
728 SAN ALESO AVENUE
SUNNYVALE, CA 94086

RCRA-SQG **1000225428**
FINDS **CAD094973005**
HAZNET
CERC-NFRAP
EMI

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD094973005

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

DA LES AUTO BODY (Continued) **1000225428**

HAZNET:

Gepaid:	CAD094973005
Contact:	DAVID RESSA
Telephone:	4087343100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	728 SAN ALESO AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940861445
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	0.16
Facility County:	Not reported

Gepaid:	CAD094973005
Contact:	DAVID RESSA
Telephone:	4087343100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	728 SAN ALESO AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940861445
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	0.16
Facility County:	Not reported

CERC-NFRAP:

Site ID:	0901675
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)

Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/01/1985
Priority Level:	Not reported

Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported

DA LES AUTO BODY (Continued) **1000225428**

Date Completed: 12/01/1987
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/01/1987
Priority Level: Not reported

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4844
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1993
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4844
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4844
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

DA LES AUTO BODY (Continued) **1000225428**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4844
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4844
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 4844
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF

DA LES AUTO BODY (Continued) **1000225428**

Facility ID:	4844
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4844
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4844
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4844
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

DA LES AUTO BODY (Continued) **1000225428**

Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4844
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4844
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.899
Reactive Organic Gases Tons/Yr:	0.8170764
Carbon Monoxide Emissions Tons/Yr:	0.008
NOX - Oxides of Nitrogen Tons/Yr:	0.036
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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44 **QUALITY TUNE-UP #2** **LUST** **S103880879**
696 N MATHILDA AVE **HIST LUST** **N/A**
SUNNYVALE, CA 94086

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	T0608501077
Stop Date:	Not reported

QUALITY TUNE-UP #2 (Continued) **S103880879**

Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1984-12-12 00:00:00
Pollution Char: 1989-11-06 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1999-05-06 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1987-11-03 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: 1997-01-23 00:00:00
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: 63
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Maxine Shattuck, Trustee
RP Address: 3031 Tisch Way
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZSC
Staff Initials: LD
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S2W24K03f
Case Number: Not reported
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: Not reported

QUALITY TUNE-UP #2 (Continued) **S103880879**

Case Number: 06S2W24K03f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 12/12/1984
Pollution Characterization Began: 11/6/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W24K03
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1988-01-01 00:00:00
Closed Date: 1999-05-06 00:00:00

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44 **QUALITY TUNE-UP #2** **LUST** **S107996563**
696 N MATHILDA AVE **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W24K03f
Closed Date: 5/6/1999
Lop Number: 08-014

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44 **QUALITY TUNE UP** **Cortese** **S104397054**
696 MATHILDA AVE N **N/A**
SUNNYVALE, CA

Cortese:
Region: CORTESE
Facility Addr2: 696 MATHILDA AVE N

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44 **TEXACO** **Cortese** **S102438619**
724 MATHILDA AVE N **N/A**
SUNNYVALE, CA 94086

Cortese:
Region: CORTESE
Facility Addr2: 724 MATHILDA AVE N

44	**TEXACO** **724 N MATHILDA AVE** **SUNNYVALE, CA 94086**	**LUST** **HIST LUST**	**S106229802** **N/A**

LUST:

Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: SEL
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501392
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1986-04-25 00:00:00
Pollution Char: 2005-05-16 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1986-06-25 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: 2001-07-20 00:00:00
GW Qualifier: =
Soil Qualifier: =
Max MTBE GW ppb: 57
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Pollution Characterization
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Mr.Lynn Walker
RP Address: 6001 BOLLINGER CANYON ROAD, K-2236
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: C
MTBE Conc: 2
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: ZSC
Staff Initials: LL
Lead Agency: Local Agency
Local Agency: 43000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 06S2W24K04f
Case Number: Not reported

TEXACO (Continued) **S106229802**

Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 2
Facility Status: Pollution Characterization
Facility Id: Not reported
Case Number: 06S2W24K04f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 4/25/1986
Pollution Characterization Began: 1/25/1988
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W24K04f
Closed Date: Not reported
Lop Number: 20-031

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W24K04
Region Code: 2
Oversite Agency: SCCDEH
Date Listed: 1987-01-01 00:00:00
Closed Date: Not reported

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44 **T & J GARAGE** **LUST** **S107996989**
755 N MATHILDA AVE **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W24K01f
Closed Date: 5/16/1996
Lop Number: Not reported

44 T & J GARAGE HIST LUST S105033150
755 N MATHILDA AVE N/A
SUNNYVALE, CA

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W24K01
Region Code: 2
Oversite Agency: SFRWQCB
Date Listed: 1986-01-01 00:00:00
Closed Date: 1996-05-16 00:00:00

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44 THRIFTY #165 LUST S107997031
773 N MATHILDA AVE N/A
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W24K02f
Closed Date: 7/29/1996
Lop Number: 20-053

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44 THRIFTY #165 LUST S103880878
773 N MATHILDA AVE HIST LUST N/A
SUNNYVALE, CA 94086

LUST:
Region: STATE
Case Type: Other ground water affected
Cross Street: Not reported
Enf Type: SEL
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501443
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 1983-11-30 00:00:00
Pollution Char: 1988-04-27 00:00:00
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 1995-04-25 00:00:00
Close Date: 1996-07-29 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1983-11-30 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: =
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported

THRIFTY #165 (Continued) **S103880878**

Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Chris Panatescu
RP Address:	13539 East Foster Road
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff:	ZSC
Staff Initials:	CT
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S2W24K02f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S2W24K02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	11/30/1983
Pollution Characterization Began:	4/27/1988
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	4/25/1995

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S2W24K02
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1984-01-01 00:00:00

THRIFTY #165 (Continued) **S103880878**

Closed Date: 1996-07-29 00:00:00

44
SHELL **LUST** **S107996857**
776 N MATHILDA AVE **N/A**
SANTA CLARA (County), CA

LUST:

Region:	SANTA CLARA
SCVWD ID:	06S2W24J01f
Closed Date:	9/1/2004
Lop Number:	19-032

44
SHELL **HAZNET** **S101309546**
776 N MATHILDA AVE **LUST** **N/A**
SUNNYVALE, CA 94086 **HIST LUST**

HAZNET:

Gepaid:	CAL000195023
Contact:	EQUILON ENTERPRISES LLC
Telephone:	7132412258
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 4453
Mailing City,St,Zip:	HOUSTON, TX 772104453
Gen County:	Santa Clara
TSD EPA ID:	CAD009466392
TSD County:	7
Waste Category:	Empty containers less than 30 gallons
Disposal Method:	Recycler
Tons:	1.0000
Facility County:	Santa Clara

Gepaid:	CAL000195023
Contact:	EQUILON ENTERPRISES LLC
Telephone:	7132412258
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 4453
Mailing City,St,Zip:	HOUSTON, TX 772104453
Gen County:	Santa Clara
TSD EPA ID:	CAD009466392
TSD County:	7
Waste Category:	Empty containers less than 30 gallons
Disposal Method:	Recycler
Tons:	1.65
Facility County:	Santa Clara

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported

SHELL (Continued) **S101309546**

Leak Source:	Not reported
Global Id:	T0608501307
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	1976-07-30 00:00:00
Pollution Char:	1991-03-01 00:00:00
Remed Plan:	Not reported
Remed Action:	2002-02-11 00:00:00
Monitoring:	Not reported
Close Date:	2004-09-01 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1984-11-02 00:00:00
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	2004-03-11 00:00:00
GW Qualifier:	=
Soil Qualifier:	=
Max MTBE GW ppb:	25
Max MTBE Soil ppb:	.38
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	Gasoline
Contact Person:	Not reported
Responsible Party:	Carol Campagna
RP Address:	20945 S. Wilmington Ave
Interim:	Not reported
Oversight Prgm:	LUST
MTBE Class:	Not reported
MTBE Conc:	3
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE and MTBE detected
Staff:	ZSC
Staff Initials:	LD
Lead Agency:	Local Agency
Local Agency:	43099L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	06S2W24J01f
Case Number:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

SHELL (Continued) **S101309546**

LUST:

Region:	2
Facility Status:	Case Closed
Facility Id:	Not reported
Case Number:	06S2W24J01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	7/30/1976
Pollution Characterization Began:	3/1/1991
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	2/11/2002
Date Post Remedial Action Monitoring Began:	Not reported

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S2W24J01
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1985-01-01 00:00:00
Closed Date:	2004-09-01 00:00:00

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44 **T & J GARAGE** **LUST** **S104161828**
755 MATHILDA AVE N **Cortese** **N/A**
SUNNYVALE, CA 94086

LUST:

Region:	STATE
Case Type:	Other ground water affected
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Federal
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Structure Failure
Leak Source:	Tank
Global Id:	T0608501402
Stop Date:	1987-11-16 00:00:00
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1996-05-16 00:00:00
Discover Date:	1987-11-16 00:00:00
Enforcement Dt:	Not reported
Release Date:	1987-11-16 00:00:00
Review Date:	1997-07-25 00:00:00
Enter Date:	1987-11-16 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported

T & J GARAGE (Continued) **S104161828**

Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: No
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: MEJ
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: 06S2W24K01
Case Number: 43-1430
Qty Leaked: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: ARCHIVED 7/25/97 CONTROL NO 120-147 SRC 0904797

LUST:
Region: 2
Facility Status: Case Closed
Facility Id: 43-1430
Case Number: 06S2W24K01
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Cortese:
Region: CORTESE

T & J GARAGE (Continued) **S104161828**

Facility Addr2: 755 MATHILDA AVE N

44	**SUNNYVALE AUTO BODY** **505 ALMANOR AVENUE** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **HAZNET** **EMI**	**1000595298** **CAD983592296**

RCRAInfo:

Owner: SOUTH PORT LAND AND COMMERCIAL
(415) 555-1212
EPA ID: CAD983592296

Contact: BROST ROBERT
(408) 736-4324

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD983592296
Contact: BOB BROST & JIM ROBERTS
Telephone: 4087364324
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 505 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863512
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 5.6065
Facility County: Santa Clara

Gepaid: CAD983592296
Contact: BOB BROST & JIM ROBERTS

SUNNYVALE AUTO BODY (Continued) **1000595298**

Telephone: 4087364324
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 505 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863512
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .3669
Facility County: Santa Clara

Gepaid: CAD983592296
Contact: BOB BROST & JIM ROBERTS
Telephone: 4087364324
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 505 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863512
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Tons: .2835
Facility County: Santa Clara

Gepaid: CAD983592296
Contact: BOB BROST & JIM ROBERTS
Telephone: 4087364324
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 505 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863512
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Tons: .6795
Facility County: Santa Clara

Gepaid: CAD983592296
Contact: BOB BROST & JIM ROBERTS
Telephone: 4087364324
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 505 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863512
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: .1584
Facility County: Santa Clara

SUNNYVALE AUTO BODY (Continued) **1000595298**

Click this hyperlink while viewing on your computer to access
27 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5171
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5171
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5171
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43

SUNNYVALE AUTO BODY (Continued) **1000595298**

Air Basin:	SF
Facility ID:	5171
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5171
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5171
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5171
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

SUNNYVALE AUTO BODY (Continued) **1000595298**

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 5171
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 5171
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 5171
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

SUNNYVALE AUTO BODY (Continued) **1000595298**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 5171
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.969
Reactive Organic Gases Tons/Yr: 0.7889218
Carbon Monoxide Emissions Tons/Yr: 0.012
NOX - Oxides of Nitrogen Tons/Yr: 0.047
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.001
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.000574

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44 **NIMBUS SOFTWARE SVCS**
520 ALMANOR AVE
SUNNYVALE, CA 94086

RCRA-SQG **1001111737**
FINDS **CAR000012757**
HAZNET

RCRAInfo:
Owner: NIMBUS MANUFACTURING INC
(804) 985-1100
EPA ID: CAR000012757

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAR000012757
Contact: NIMBUS MANUFACTURING INC
Telephone: 8049851100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 520 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863533
Gen County: Santa Clara
TSD EPA ID: CAD059494310

NIMBUS SOFTWARE SVCS (Continued) **1001111737**

TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 13.4848
Facility County: Santa Clara

Gepaid: CAR000012757
Contact: NIMBUS MANUFACTURING INC
Telephone: 8049851100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 520 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863533
Gen County: Santa Clara
TSD EPA ID: CAD000633164
TSD County: Imperial
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 16.8560
Facility County: Santa Clara

Gepaid: CAR000012757
Contact: NIMBUS MANUFACTURING INC
Telephone: 8049851100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 520 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863533
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: .6880
Facility County: Santa Clara

Gepaid: CAR000012757
Contact: NIMBUS MANUFACTURING INC
Telephone: 8049851100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 520 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863533
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 10.1136
Facility County: Santa Clara

Gepaid: CAR000012757
Contact: NIMBUS MANUFACTURING INC
Telephone: 8049851100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 520 ALMANOR AVE

NIMBUS SOFTWARE SVCS (Continued) **1001111737**

Mailing City,St,Zip:	SUNNYVALE, CA 940863533
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Transfer Station
Tons:	.4587
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
18 additional CA_HAZNET: record(s) in the EDR Site Report.

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44 **SIRENZA MICRODEVICES** **RCRA-SQG** **1001959881**
522 ALMANOR AVE **FINDS** **CAR000065722**
SUNNYVALE, CA 94085 **HAZNET**

RCRAInfo:

Owner:	SIRENZA MICRODEVICES (408) 616-5400
EPA ID:	CAR000065722
Contact:	DON SCHEEL (408) 616-5400
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAR000065722
Contact:	DON SCHEEL/MNFG ENG
Telephone:	4086165433
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	522 ALMANOR AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940863533
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Liquids with lead > 500 mg/l
Disposal Method:	Disposal, Other
Tons:	0.04
Facility County:	Not reported

Gepaid: CAR000065722

SIRENZA MICRODEVICES (Continued) **1001959881**

Contact: DON SCHEEL/MNFG ENG
Telephone: 4086165433
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 522 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863533
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 0.02
Facility County: Not reported

Gepaid: CAR000065722
Contact: DON SCHEEL/MNFG ENG
Telephone: 4086165433
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 522 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863533
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 0.01
Facility County: Not reported

Gepaid: CAR000065722
Contact: STANFORD MICRODEVICES INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 522 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863533
Gen County: Santa Clara
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Disposal, Other
Tons: .1042
Facility County: Santa Clara

Gepaid: CAR000065722
Contact: STANFORD MICRODEVICES INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 522 ALMANOR AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863533
Gen County: Santa Clara
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Organic liquids (nonsolvents) with halogens
Disposal Method: Disposal, Other
Tons: .0166

SIRENZA MICRODEVICES (Continued) **1001959881**

Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

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44 **PACE DISTRIBUTORS** **LUST** **S107996453**
828 W AHWANEE AVE **N/A**
SANTA CLARA (County), CA

LUST:
Region: SANTA CLARA
SCVWD ID: 06S2W24H01f
Closed Date: 5/15/1991
Lop Number: 07-021

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45 **NEOCONIX INC** **RCRA-SQG** **1007569125**
715 N PASTORIA **HAZNET** **CAR000155960**
SUNNYVALE, CA 94085

RCRAInfo:
Owner: EPIC TECHNOLOGY
EPA ID: CAR000155960

Contact: STEPHANY ZAMORA
408-530-9393

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:
Gepaid: CAR000155960
Contact: MIKE GRAVES
Telephone: 4085309393
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 715 N PASTORIA
Mailing City,St,Zip: SUNNYVALE, CA 940850000
Gen County: Santa Clara
TSD EPA ID: CAD008488025
TSD County: Los Angeles
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Recycler
Tons: 1.14
Facility County: Not reported

45	**HYBRID CIRCUITS INC** **733 PASTORIA AVE** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **HAZNET**	**1000361227** **CAD982347833**

RCRAInfo:

Owner:	HYBRID CIRCUITS INC (415) 555-1212
EPA ID:	CAD982347833
Contact:	ENVIRONMENTAL MANAGER (408) 720-9165
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD982347833
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	733 PASTORIA AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	.5000
Facility County:	Santa Clara

Gepaid:	CAD982347833
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	733 PASTORIA AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	CAD074644659
TSD County:	1
Waste Category:	Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method:	Transfer Station
Tons:	.0834
Facility County:	Santa Clara

45 **BEAM ENGINEERING INC**
732 N PASTORIA AVE
SUNNYVALE, CA 94086

RCRA-SQG **1000294136**
FINDS **CAD981455744**

RCRAInfo:

Owner:	S E ADACHI (415) 555-1212
EPA ID:	CAD981455744
Contact:	ENVIRONMENTAL MANAGER (408) 738-4573
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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45 **CALLIDA GENOMICS INC**
750 N PASTORIA AVE
SUNNYVALE, CA 94085

RCRA-SQG **1008372191**
HAZNET **CAR000164152**

RCRAInfo:

Owner:	CALLIDA GENOMICS INC
EPA ID:	CAR000164152
Contact:	ADAM BORCHERDING 408-739-2353
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

HAZNET:

Gepaid:	CAR000164152
Contact:	ADAM P BORCHERDING
Telephone:	4087392353
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	750 N PASTORIA AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940850000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	0.22
Facility County:	Not reported

45
EKG PRECISION MACHINE
757 N PASTORIA AVE
SUNNYVALE, CA 94086

RCRA-SQG **1001111707**
FINDS **CAR000012450**

RCRAInfo:
Owner: KATHLEEN GONTERMAN
(408) 524-4890
EPA ID: CAR000012450

Contact: KATHLEEN GONTERMAN
(650) 623-0864

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

46
ACUREX CORPORATION
433 CLYDE AVENUE
MOUNTAIN VIEW, CA 94043

ENVIROSTOR **S100269711**
N/A

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43870001
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Refer: Other Agency**
Status Date: 1990-01-23 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3961111111111
Longitude: -122.048055555556
Alias Name: 43870001
Alias Type: Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: SAMPLE RESULTS SOIL: TRICHLOROETHYLENE (TCE) 50-500 PPB XYLENE 160 PPB. GROUNDWATER: TRICHLORO- ETHANE (TCA) 4.0 UG/L, TCE 1.6-140 UG/L, TRICHLOROFLUROMETHAN (FREON) 22 UG/L, CHLOROFORM 6.2 UG/L. SITE

ACUREX CORPORATION (Continued) **S100269711**

SCREENING DONE GROUNDWATER AND SOIL CONTAMINATION HAS BEEN DOCUMENTED AT THIS SITE. THREE MONITORING WELLS AND SIX SOIL BORINGS HAVE BEEN PLACED. THE CONTAMINATION IS ISOLATED NEAR THE DRUM STORAGE AREA OF THIS 1.1 ACRE FACILITY. RECOMMEND MEDIUM PRIORITY PRELIMINARY ENDANGERMENT ASSESSMENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1990-01-23 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003, 20017
Potenital Description: * HALOGENATED SOLVENTS
Potenital Description: * UNSPECIFIED ORGANIC LIQUID MIXTURE
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

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47 **PHOTRONICS INCORPORATED**
695 VAQUEROS AVE.
SUNNYVALE, CA 94086

RCRA-SQG **1000366155**
FINDS **CAD050518976**
HAZNET
CERC-NFRAP
HIST UST

RCRAInfo:
Owner: PHOTRONICS LABS INC
(203) 775-9000
EPA ID: CAD050518976

Contact: KENNETH KEEZER
(408) 245-7342

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on

PHOTRONICS INCORPORATED (Continued) **1000366155**

the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid: CAD050518976
Contact: PHOTRONICS INC
Telephone: 4082457342
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 695 VAQUEROS AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863524
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 2.7520
Facility County: Santa Clara

Gepaid: CAD050518976
Contact: PHOTRONICS INC
Telephone: 4082457342
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 695 VAQUEROS AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863524
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: .0300
Facility County: Santa Clara

Gepaid: CAD050518976
Contact: PHOTRONICS INC
Telephone: 4082457342
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 695 VAQUEROS AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863524
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Disposal, Other
Tons: .0625
Facility County: Santa Clara

Gepaid: CAD050518976
Contact: PHOTRONICS INC
Telephone: 4082457342
Facility Addr2: Not reported
Mailing Name: Not reported

PHOTRONICS INCORPORATED (Continued) **1000366155**

Mailing Address: 695 VAQUEROS AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863524
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 1.1467
Facility County: Santa Clara

Gepaid: CAD050518976
Contact: PHOTRONICS INC
Telephone: 4082457342
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 695 VAQUEROS AVE
Mailing City,St,Zip: SUNNYVALE, CA 940863524
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 2.0641
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access 19 additional CA_HAZNET: record(s) in the EDR Site Report.

CERC-NFRAP:
Site ID: 0901408
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1986
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 12/01/1987
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE

PHOTRONICS INCORPORATED (Continued) **1000366155**

Date Started: Not reported
Date Completed: 12/01/1987
Priority Level: Not reported

HIST UST:
Region: STATE
Facility ID: 00000017800
Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000800
Facility Type: Other
Other Type: Not reported
Total Tanks: 0001
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual
Contact Name: Not reported
Telephone: 4082457342
Owner Name: MICRO MASK INC
Owner Address: 695 VAQUEROS AVE
Owner City,St,Zip: SUNNYVALE, CA 94086

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48 **VENTRITEX INTERSIL** **LUST** **S101542373**
610 PASTORIA AVE N **SLIC** **N/A**
SUNNYVALE, CA 94086

LUST:
Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: COSTRE
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SLT2O339229
Stop Date: Not reported
Confirm Leak: 2001-03-08 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: Not reported
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported

VENTRITEX INTERSIL (Continued) **S101542373**

Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Leak being confirmed
Chemical: Not reported
Contact Person: Not reported
Responsible Party: KEVIN SARKISIAN
RP Address: 888 DOOLITTLE DRIVE
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MRF
Staff Initials: Not reported
Lead Agency: Not reported
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: SLT2O339229
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SLT2O339229
Assigned Name: SLICSITE
Lead Agency Contact: Not reported
Lead Agency: Not reported
Lead Agency Case Number: Not reported
Responsible Party: KEVIN SARKISIAN
Recent Dtw: Not reported
Substance Released: Not reported
Facility Status: Not reported

SLIC:
Region: 2
Facility ID: SLT2O339229
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported

VENTRITEX INTERSIL (Continued) **S101542373**

Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

48

SMI HOLDING, LLC C/O LEVINE FR
639 N PASTORIA AVENUE
SUNNYVALE, CA 0

EMI
ENVIROSTOR

S101482341
N/A

EMI:

Year: 2002
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2801
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2801
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2801
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.032

SMI HOLDING, LLC C/O LEVINE FR (Continued) **S101482341**

Reactive Organic Gases Tons/Yr: 0.0223552
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360072
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: Refer: RWQCB
Status Date: 1991-01-14 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3938888888889
Longitude: -122.033333333333
Alias Name: CAD061621553
ADVANCED LSI TECHNOLOGY INC
MICREL WAFER FAB (ADVANCED LSI)
SIEMENS COMPANY
43360072
Alias Type: EPA Identification Number
Alternate Name
Alternate Name
Alternate Name
Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Extremely Hazardous Waste Disposal Permits issued by DHS in 1980-81. NPDES Permit issued by RWQCB on 02/20/87. Site Screening Done: RWQCB is the lead agency.Facility Identified. Groundwater monitoring downgradient of site by Levine Fricke contractor at the request of RWQCB.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1987-04-10 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1987-01-16 00:00:00
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported

SMI HOLDING, LLC C/O LEVINE FR (Continued) **S101482341**

Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003, 10009, 10067, 10097, 10198
Potenital Description: * HALOGENATED SOLVENTS
Potenital Description: * HYDROCARBON SOLVENTS
Potenital Description: * OXYGENATED SOLVENTS
Potenital Description: * CONTAMINATED SOIL
Potenital Description: * UNSPECIFIED SOLVENT MIXTURES
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

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48 **SIEMENS MICROELECTRONICS INC** **LUST** **S106235027**
639 NORTH PASTORIA AVE **SLIC** **N/A**
SUNNYVALE, CA

LUST:
Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: Cleanup and Abatement Orders
Funding: COSTRE
How Discovered: RPR
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL18262683
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 2002-07-01 00:00:00
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: 1993-11-01 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Remedial action (cleanup) Underway
Chemical: VOC

SIEMENS MICROELECTRONICS INC (Continued) **S106235027**

Contact Person: Not reported
Responsible Party: SIEMENS CORP
RP Address: WOOD AVE S
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: DIB
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MS_T,HA_T
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1826200
Case Number: 43S0077
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL18262683
Assigned Name: SLICSITE
Lead Agency Contact: DAVID BARR
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0077
Responsible Party: SIEMENS CORP
Recent Dtw: Not reported
Substance Released: SVO, VOC
Facility Status: Remedial Action Underway

SLIC:
Region: 2
Facility ID: 43S0077
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RPR
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported

SIEMENS MICROELECTRONICS INC (Continued) **S106235027**

Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

48
WDR-MICREL/LITRONIX
639 PASTORIA
SUNNYVALE, CA 94086
Cortese **S105026832**
N/A

Cortese:
Region: CORTESE
Facility Addr2: Not reported

48
PACIFIC BELL
658 PASTORIA
SUNNYVALE, CA 94086
RCRA-SQG **1000251298**
FINDS **CAT080021371**

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080021371

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

49
SCR-FORMER AMPEX FACILITY
728 SAN ALESO
SUNNYVALE, CA 94086
HAZNET **S103670614**
Cortese **N/A**

HAZNET:
Gepaid: CAD094973005
Contact: DA LES AUTO BODY
Telephone: 4087343100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 728 SAN ALESO AVE
Mailing City,St,Zip: SUNNYVALE, CA 940861445
Gen County: Santa Clara
TSD EPA ID: CAD059494310

SCR-FORMER AMPEX FACILITY (Continued) **S103670614**

TSD County:	Santa Clara
Waste Category:	***
Disposal Method:	Disposal, Other
Tons:	.0625
Facility County:	Santa Clara

Gepaid:	CAD094973005
Contact:	DA LES AUTO BODY
Telephone:	4087343100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	728 SAN ALESO AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940861445
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Not reported
Tons:	.7547
Facility County:	Santa Clara

Gepaid:	CAD094973005
Contact:	DA LES AUTO BODY
Telephone:	4087343100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	728 SAN ALESO AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940861445
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Other
Tons:	.0625
Facility County:	Santa Clara

Gepaid:	CAD094973005
Contact:	DA LES AUTO BODY
Telephone:	4087343100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	728 SAN ALESO AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940861445
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Disposal, Other
Tons:	3.6694
Facility County:	Santa Clara

Gepaid:	CAD094973005
Contact:	DAVID RESSA
Telephone:	4087343100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	728 SAN ALESO AVE

SCR-FORMER AMPEX FACILITY (Continued) **S103670614**

Mailing City,St,Zip:	SUNNYVALE, CA 940861445
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	0.14
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
32 additional CA_HAZNET: record(s) in the EDR Site Report.

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

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49 **AMPEX - SUNNYVALE** **LUST** **1000726236**
728 SAN ALESO **SLIC** **N/A**
SUNNYVALE, CA

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	WDR
Funding:	COSTRE
How Discovered:	RPR
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL18352772
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	2002-07-01 00:00:00
Close Date:	2005-06-21 00:00:00
Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	1997-04-01 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	VOC
Contact Person:	Not reported
Responsible Party:	AMPEX CORP

AMPEX - SUNNYVALE (Continued) **1000726236**

RP Address: MAIL STOP 1-50
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MRF
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MS_T
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1835200
Case Number: 43S0007
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name:Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Clased Case - DataSafe Concord #30472, #30473 & #30474.

SLIC:
Region: STATE
Global Id: SL18352772
Assigned Name: SLICSITE
Lead Agency Contact: MICHELLE REMBAUM-FOX
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: 43S0007
Responsible Party: AMPEX CORP
Recent Dtw: Not reported
Substance Released: VOC
Facility Status: Case Closed

SLIC:
Region: 2
Facility ID: 43S0007
Facility Status: Post remedial action monitoring
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RPR
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

50 SAND CITY PUMPING STATION
629 MATHILDA
SUNNYVALE, CA 94086

Cortese S105026829
N/A

Cortese:
Region: CORTESE
Facility Addr2: Not reported

---

51 ZYMOS CORP
477 N MATHILDA AVE
SUNNYVALE, CA 94086

RCRA-SQG 1000342105
FINDS CAD000625905
HAZNET
LUST
RCRA-TSDF
SLIC
CORRACTS
CERC-NFRAP
HIST UST

RCRAInfo Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 06/01/1988

RCRAInfo:
Owner: ZYMOS CORPORATION
(408) 730-8800
EPA ID: CAD000625905

Contact: Not reported

Classification: TSDF
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
Gepaid: CAD000625905
Contact: --
Telephone: 4087308800
Facility Addr2: Not reported

ZYMOS CORP (Continued) **1000342105**

Mailing Name:	Not reported
Mailing Address:	477 NO MATHILDA AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Other
Tons:	1.57
Facility County:	Not reported

Gepaid:	CAD000625905
Contact:	--
Telephone:	4087308800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	477 NO MATHILDA AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940860000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Disposal, Other
Tons:	0.74
Facility County:	Not reported

Gepaid:	CAD000625905
Contact:	MATHILDA DEVELOPMENT
Telephone:	4084932610
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	845 PAGE MILL ROAD
Mailing City,St,Zip:	PALO ALTO, CA 934040000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Other
Tons:	1.4000
Facility County:	Santa Clara

Gepaid:	CAD000625905
Contact:	MATHILDA DEVELOPMENT
Telephone:	4084932610
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	845 PAGE MILL ROAD
Mailing City,St,Zip:	PALO ALTO, CA 934040000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Disposal, Other
Tons:	.2500
Facility County:	Santa Clara

Gepaid:	CAD000625905

ZYMOS CORP (Continued) **1000342105**

Contact: MATHILDA DEVELOPMENT
Telephone: 4084932610
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 845 PAGE MILL ROAD
Mailing City,St,Zip: PALO ALTO, CA 934040000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 4.5345
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
55 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:
Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: COSTRE
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SLT2O336226
Stop Date: Not reported
Confirm Leak: 2001-03-08 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: Not reported
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Leak being confirmed
Chemical: Not reported
Contact Person: Not reported
Responsible Party: KEVIN SARKISIAN
RP Address: 888 DOOLITTLE DRIVE
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST

ZYMOS CORP (Continued) **1000342105**

MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MRF
Staff Initials: Not reported
Lead Agency: Not reported
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: SLT2O336226
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0608591615
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: 1987-06-01 00:00:00
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1987-03-04 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region

ZYMOS CORP (Continued) **1000342105**

Status: Preliminary site assessment workplan submitted
Chemical: Perchlorethylene
Contact Person: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: CTH
Staff Initials: UNK
Lead Agency: Regional Board
Local Agency: 43099L
Hydr Basin #: Santa Clara Basin (2
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 43S0149
Qty Leaked: 0
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Region: STATE
Case Type: Undefined
Cross Street: Not reported
Enf Type: Not reported
Funding: Federal
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Structure Failure
Leak Source: Tank
Global Id: T0608591749
Stop Date: 1988-05-11 00:00:00
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: 1987-08-08 00:00:00
Close Date: Not reported
Discover Date: 1988-05-11 00:00:00
Enforcement Dt: Not reported
Release Date: 1988-05-11 00:00:00
Review Date: 2000-05-10 00:00:00
Enter Date: Not reported
MTBE Date: Not reported

ZYMOS CORP (Continued) **1000342105**

GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Post remedial action monitoring
Chemical:	Misc. Motor Vehicle Fuels
Contact Person:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Interim:	Yes
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	Not reported
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	43099L
Hydr Basin #:	Santa Clara Basin (2
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	No
Local Case #:	43-1920
Case Number:	43-1920
Qty Leaked:	Not reported
Abate Method:	Containment Barrier - install vertical dike to block horizontal movement of contaminant
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	SMS ALSO-FILE 14TH FL

SLIC:

Region:	STATE
Global Id:	SLT2O336226
Assigned Name:	SLICSITE
Lead Agency Contact:	Not reported
Lead Agency:	Not reported
Lead Agency Case Number:	Not reported
Responsible Party:	KEVIN SARKISIAN
Recent Dtw:	Not reported
Substance Released:	Not reported
Facility Status:	**Not reported**

SLIC:

Region:	2
Facility ID:	43S0149
Facility Status:	Preliminary site assessment workplan submitted

ZYMOS CORP (Continued) **1000342105**

Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: 6/1/1987
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility ID: 43-1920
Facility Status: Post remedial action monitoring
Date Closed: Not reported
Local Case #: 43-1920
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 8/8/1987

Region: 2
Facility ID: SLT2O336226
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORRACTS:

EPA ID: CAD000625905
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 06/01/1988
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing

ZYMOS CORP (Continued) **1000342105**

CERC-NFRAP:

Site ID:	0900920
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Name:	Matt Mitguard
Contact Tel:	(415) 972-3096
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Jere Johnson
Contact Tel:	(415) 972-3094
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	05/01/1986
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	11/01/1987
Priority Level:	Low
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	06/01/1988
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	06/01/1988
Priority Level:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000021946
Tank Num:	001
Container Num:	001
Year Installed:	1980
Tank Capacity:	00001000
Facility Type:	Other
Other Type:	SEMI MANUFACTURER
Total Tanks:	0001
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	12 gauge
Leak Detection:	Groundwater Monitoring Well
Contact Name:	MARTY SANDERS
Telephone:	4087308800
Owner Name:	ZYMOS CORPORATION
Owner Address:	477 N. MATHILDA AVENUE

ZYMOS CORP (Continued) **1000342105**

Owner City,St,Zip: SUNNYVALE, CA 94086

52

DATA GENERAL CORPORATION SUNNYVALE
433 NORTH MATHILDA AVENUE B
SUNNYVALE, CA 94086

RCRA-SQG
FINDS
HAZNET
LUST
SLIC
CERC-NFRAP
HIST UST
ENVIROSTOR

1000142594
CAD069104255

RCRAInfo:

Owner:	DATA GENERAL CORP (408) 739-9200
EPA ID:	CAD069104255
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	10/24/1983
Actual Date Achieved Compliance:	12/22/1983
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/24/1983
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19831222

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZNET:

Gepaid:	CAL000077294
Contact:	ROHM USA CORP
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Mailing Address: PO BOX 62377
Mailing City,St,Zip: SUNNYVALE, CA 940882377
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Laboratory waste chemicals
Disposal Method: Disposal, Other
Tons: .1500
Facility County: Santa Clara

Gepaid: CAL000277785
Contact: GEORGE SERFACE
Telephone: 4085306156
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 120 SAN GABRIEL DR
Mailing City,St,Zip: SUNNYVALE, CA 94086
Gen County: Santa Clara
TSD EPA ID: CAL000190816
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.12
Facility County: Santa Clara

Gepaid: CAL000277785
Contact: GEORGE SERFACE
Telephone: 4085306156
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 120 SAN GABRIEL DR
Mailing City,St,Zip: SUNNYVALE, CA 94086
Gen County: Santa Clara
TSD EPA ID: AZD009015389
TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Tons: 0.2
Facility County: Not reported

Gepaid: CAD069104255
Contact: DATA GENERAL CORP
Telephone: 4087399200
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 433 NO MATHILDA AVE
Mailing City,St,Zip: SUNNYVALE, CA 940860000
Gen County: Santa Clara
TSD EPA ID: WAD009477175
TSD County: 99
Waste Category: Organic solids with halogens
Disposal Method: Recycler
Tons: 1.2500
Facility County: Santa Clara

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:
Region: STATE
Case Type: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: COSTRE
How Discovered: RPR
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: SL18259680
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2002-04-30 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1965-01-02 00:00:00
Review Date: Not reported
Enter Date: 1993-10-01 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 43
Org Name: Not reported
Reg Board: San Francisco Bay Region
Status: Case Closed
Chemical: VOC
Contact Person: Not reported
Responsible Party: DATA GENERAL CORP
RP Address: COMPUTER DR
Interim: Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: MRF
Staff Initials: Not reported
Lead Agency: Not reported
Local Agency: Not reported
Hydr Basin #: Not reported
Beneficial: MS_T
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: 1825900

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Case Number: SL18259680
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

SLIC:
Region: STATE
Global Id: SL18259680
Assigned Name: SLICSITE
Lead Agency Contact: Not reported
Lead Agency: Not reported
Lead Agency Case Number: Not reported
Responsible Party: DATA GENERAL CORP
Recent Dtw: Not reported
Substance Released: VOC
Facility Status: **Case Closed**

SLIC:
Region: 2
Facility ID: SL18259680
Facility Status: Case Closed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RPR
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CERC-NFRAP:
Site ID: 0901540
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Contact Name:	Dan McMindes
Contact Tel:	(415) 972-3401
Contact Title:	Site Assessment Manager (SAM)

Site Description: Site is a source of groundwater contamination with volatile organic compounds. However, the California Regional Water Quality Control Board has overseen source removal and groundwater extraction and treatment. Monitoring is continuing. Site contamination does not warrant continued Federal Superfund assessment.

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/01/1985
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	11/01/1987
Priority Level:	Low
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	11/10/1988
Priority Level:	Low
Action:	SITE REASSESSMENT
Date Started:	10/29/2001
Date Completed:	07/17/2002
Priority Level:	NFRAP (No Futher Remedial Action Planned
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	09/24/2002
Priority Level:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000066638
Tank Num:	001
Container Num:	1
Year Installed:	1978
Tank Capacity:	00001500
Facility Type:	Other
Other Type:	SEMICONDUCTOR MFG.
Total Tanks:	0005
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	Unkown gauge
Leak Detection:	Visual, Groundwater Monitoring Well
Contact Name:	VAHE SARKISSIAN
Telephone:	4087399200
Owner Name:	DATA GENERAL CORP.
Owner Address:	4400 COMPUTER DRIVE
Owner City,St,Zip:	WESTBORO, MA 01580
Region:	STATE

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Facility ID:	00000066638
Tank Num:	002
Container Num:	2
Year Installed:	1985
Tank Capacity:	00000500
Facility Type:	Other
Other Type:	SEMICONDUCTOR MFG.
Total Tanks:	0005
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	Visual
Contact Name:	VAHE SARKISSIAN
Telephone:	4087399200
Owner Name:	DATA GENERAL CORP.
Owner Address:	4400 COMPUTER DRIVE
Owner City,St,Zip:	WESTBORO, MA 01580

Region:	STATE
Facility ID:	00000066638
Tank Num:	003
Container Num:	3
Year Installed:	1978
Tank Capacity:	00003150
Facility Type:	Other
Other Type:	SEMICONDUCTOR MFG.
Total Tanks:	0005
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Visual
Contact Name:	VAHE SARKISSIAN
Telephone:	4087399200
Owner Name:	DATA GENERAL CORP.
Owner Address:	4400 COMPUTER DRIVE
Owner City,St,Zip:	WESTBORO, MA 01580

Region:	STATE
Facility ID:	00000066638
Tank Num:	004
Container Num:	4
Year Installed:	1978
Tank Capacity:	00003150
Facility Type:	Other
Other Type:	SEMICONDUCTOR MFG.
Total Tanks:	0005
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Visual
Contact Name:	VAHE SARKISSIAN
Telephone:	4087399200
Owner Name:	DATA GENERAL CORP.
Owner Address:	4400 COMPUTER DRIVE
Owner City,St,Zip:	WESTBORO, MA 01580

Region:	STATE

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Facility ID:	00000066638
Tank Num:	005
Container Num:	5
Year Installed:	1978
Tank Capacity:	00000050
Facility Type:	Other
Other Type:	SEMICONDUCTOR MFG.
Total Tanks:	0005
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Visual
Contact Name:	VAHE SARKISSIAN
Telephone:	4087399200
Owner Name:	DATA GENERAL CORP.
Owner Address:	4400 COMPUTER DRIVE
Owner City,St,Zip:	WESTBORO, MA 01580

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	RWQCB 2 - San Francisco Bay
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Facility ID:	43360126
Site Code:	Not reported
Assembly:	22
Senate:	13
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1994-04-07 00:00:00
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.3877777777778
Longitude:	-122.030833333333
Alias Name:	43360126 DATA GENERAL
Alias Type:	Calsites ID Number Alternate Name
APN:	NONE SPECIFIED
APN Description:	Not reported
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	1994-03-17 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED

DATA GENERAL CORPORATION SUNNYVALE (Continued) **1000142594**

Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	10003, 10119
Potenital Description:	* HALOGENATED SOLVENTS
Potenital Description:	* ACID SOLUTION 2>PH WITH METALS
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

Map ID	Site	Database(s)	EDR ID Number / EPA ID Number
53	**VERBATIM A KODAK COMPANY** **435 INDIO WAY** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **Cortese** **EMI** **ENVIROSTOR**	**1000162015** **CAD981462567**

RCRAInfo:

Owner:	PERRY AND ARRILLAGA (415) 555-1212
EPA ID:	CAD981462567
Contact:	ENVIRONMENTAL MANAGER (408) 245-4400
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Cortese:

Region:	CORTESE
Facility Addr2:	Not reported

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2571
Air District Name:	BA

VERBATIM A KODAK COMPANY (Continued) **1000162015**

SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 5801
Air District Name: BA
SIC Code: 4959
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43360106
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Refer: RWQCB**
Status Date: 1990-09-26 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3855555555556
Longitude: -122.031111111111
Alias Name: 43360106
Alias Type: Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: ON CORTESE LIST 360 NORTH PASTORIA ENVIRONMENTAL CORP, A SUBSIDIARY OF EASTMAN KODAK, IS NOW AS- SUMING ALL RESPONSIBILITY FOR THE GROUND WATER TREATMENT FACILITY FORMERLY OPERA- TED BY THE VERBATIM COMPANY

VERBATIM A KODAK COMPANY (Continued) **1000162015**

AT THIS LOC- ATION. DHS HAS BEEN HISTORICALLY INVOLV- ED WITH THIS SITE, WHICH IS NOW BEING MANAGED BY THE SF RWQCB UNDER ORDER # 87-034. THE SITE IS ON A SELF-MONITORING PROGRAM, AS REQUIRED BY THE ORDER. TWO ADJACENT SITES, XIDEX AND DATA GENERAL CORPORATION, ARE ALSO INCLUDED IN THE ORDER & MONITORING PROGRAM. SITE SCREENING DONE THERE ARE 31 ON-SITE & OFF-SITE MONITOR- ING WELLS BEING SAMPLED ON A QUARTERLY BASIS UNDER RWQCB MANAGEMENT. SOIL & GROUNDWATER AT THE SITE HAVE BEEN FOUND TO BE CONTAMINATED WITH TETRAHYDROFURAN (THF). GROUNDWATER BENEATH THE SITE HAS ALSO BEEN POLLUTED BY OTHER ORGANIC SOL- VENTS INCLUDING METHYLENE CHLORIDE, 2- METHOXYETHANOL, 1-METHOXY-2-PROPANOL, 2- BUTANONE, & ACETONE. THF CONCENTRATIONS HAVE BEEN FOUND AS HIGH AS 380 PPM IN GROUNDWATER & 9 PPM IN SOIL. RWQCB IS THE LEAD AGENCY. DHS RECOMMENDS MEDIUM PRIORITY PRELIMI- NARY ENDANGERMENT ASSESSMENT.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	1990-09-26 00:00:00
Confirmed:	NONE SPECIFIED
Confirmed Description:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	NONE SPECIFIED
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	10003, 10067
Potenital Description:	* HALOGENATED SOLVENTS
Potenital Description:	* OXYGENATED SOLVENTS
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	NONE SPECIFIED

54	**ANACOMP INC** **305 SOQUEL WY AND** **SUNNYVALE, CA 94086**	**RCRA-SQG** **FINDS** **LUST** **RCRA-TSDF** **SLIC** **CORRACTS** **CERC-NFRAP** **HIST UST** **NY MANIFEST**	**1000225596** **CAD051612802**

RCRAInfo Corrective Action Summary:

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 12/28/2000

ANACOMP INC (Continued) **1000225596**

Event:	Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date:	12/28/2000
Event:	Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date:	09/24/1997
Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event Date:	09/24/1997
Event:	Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event Date:	09/24/1997
Event:	RFI Approved
Event Date:	02/01/1995
Event:	CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date:	07/29/1994
Event:	Stabilization Measures Evaluation,This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
Event Date:	07/29/1994

ANACOMP INC (Continued) **1000225596**

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 04/20/1991

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 05/01/1988

Event: Stabilization Construction Completed
Event Date: 08/31/1987

Event: RFI Imposition
Event Date: 04/15/1987

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event Date: 04/15/1987

RCRAInfo:
Owner: XIDEX CORPORATION
(408) 739-4170
EPA ID: CAD051612802

Contact: Not reported

Classification: TSDF
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.50-60
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/22/1995
Actual Date Achieved Compliance: 07/18/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/22/1995
Penalty Type: Not reported

Regulation Violated: 262.20-23.B
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/22/1995
Actual Date Achieved Compliance: 07/11/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/22/1995
Penalty Type: Not reported

Regulation Violated: 264.190-201.J
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/14/1994
Actual Date Achieved Compliance: 09/19/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.30-37.C
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/14/1994
Actual Date Achieved Compliance: 09/19/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994

ANACOMP INC (Continued) **1000225596**

Penalty Type: Not reported

Regulation Violated: 264.70-77.E
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/14/1994
Actual Date Achieved Compliance: 09/19/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/14/1994
Actual Date Achieved Compliance: 09/19/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.10-18.B
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/14/1994
Actual Date Achieved Compliance: 09/19/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.50-56.D
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/14/1994
Actual Date Achieved Compliance: 09/19/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 262.30-34.C
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/14/1994
Actual Date Achieved Compliance: 09/19/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 262.50-60
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/14/1994
Actual Date Achieved Compliance: 09/19/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.110-120.G
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 06/14/1994
Actual Date Achieved Compliance: 09/19/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

ANACOMP INC (Continued) **1000225596**

Regulation Violated:	264.140-150.H
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	06/14/1994
Actual Date Achieved Compliance:	05/17/1997
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/29/1994
Penalty Type:	Not reported
Regulation Violated:	268 ALL
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	06/14/1994
Actual Date Achieved Compliance:	09/19/1997
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/29/1994
Penalty Type:	Not reported
Regulation Violated:	264.170-177.I
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/14/1994
Actual Date Achieved Compliance:	09/19/1997
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/29/1994
Penalty Type:	Not reported
Regulation Violated:	268 ALL
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	04/24/1992
Actual Date Achieved Compliance:	06/14/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/14/1990
Penalty Type:	Not reported
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/26/1992
Actual Date Achieved Compliance:	06/14/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/29/1994
Penalty Type:	Not reported
Regulation Violated:	264.370-383.P
Area of Violation:	TSD-THERMAL TREATMENT REQUIREMENTS
Date Violation Determined:	02/26/1992
Actual Date Achieved Compliance:	06/14/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/29/1994
Penalty Type:	Not reported
Regulation Violated:	264.190-201.J
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/26/1992
Actual Date Achieved Compliance:	06/14/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/29/1994
Penalty Type:	Not reported
Regulation Violated:	270

ANACOMP INC (Continued) **1000225596**

Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/26/1992
Actual Date Achieved Compliance: 06/14/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.30-37.C
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/26/1992
Actual Date Achieved Compliance: 06/14/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.170-177.I
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/26/1992
Actual Date Achieved Compliance: 06/14/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.70-77.E
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/26/1992
Actual Date Achieved Compliance: 06/14/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 268 ALL
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 02/26/1992
Actual Date Achieved Compliance: 06/14/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.10-18.B
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/26/1992
Actual Date Achieved Compliance: 06/14/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.400-406.Q
Area of Violation: TSD-CHEMICAL/PHYSICAL/BIOLOGICAL REQUIREMENTS
Date Violation Determined: 02/26/1992
Actual Date Achieved Compliance: 06/14/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/29/1994
Penalty Type: Not reported

Regulation Violated: 264.110-120.G
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS

ANACOMP INC (Continued) **1000225596**

Date Violation Determined:	02/26/1992
Actual Date Achieved Compliance:	06/14/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/29/1994
Penalty Type:	Not reported
Regulation Violated:	264.50-56.D
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/26/1992
Actual Date Achieved Compliance:	06/14/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/29/1994
Penalty Type:	Not reported
Regulation Violated:	264.140-150.H
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	02/26/1992
Actual Date Achieved Compliance:	06/14/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/29/1994
Penalty Type:	Not reported
Regulation Violated:	264.170-177.I
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/24/1990
Actual Date Achieved Compliance:	01/23/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/14/1990
Penalty Type:	Not reported
Regulation Violated:	264.30-37.C
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/24/1990
Actual Date Achieved Compliance:	01/23/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/14/1990
Penalty Type:	Not reported
Regulation Violated:	264.140-150.H
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	04/24/1990
Actual Date Achieved Compliance:	01/23/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/14/1990
Penalty Type:	Not reported
Regulation Violated:	264.10-18.B
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/24/1990
Actual Date Achieved Compliance:	01/23/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/14/1990
Penalty Type:	Not reported
Regulation Violated:	264.110-120.G
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	04/24/1990

ANACOMP INC (Continued) **1000225596**

Actual Date Achieved Compliance: 01/23/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/14/1990
Penalty Type: Not reported

Regulation Violated: 264.50-56.D
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 04/24/1990
Actual Date Achieved Compliance: 01/23/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/14/1990
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 01/23/1989
Actual Date Achieved Compliance: 09/30/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/30/1989
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/31/1989
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 01/23/1989
Actual Date Achieved Compliance: 09/30/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/30/1989
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/31/1989
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 268 ALL
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 11/23/1988
Actual Date Achieved Compliance: 01/23/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/06/1989
Penalty Type: Not reported

Regulation Violated: 268.7
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 11/23/1988
Actual Date Achieved Compliance: 01/19/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/06/1989
Penalty Type: Not reported

Regulation Violated: 264.110-120.G
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 11/23/1988
Actual Date Achieved Compliance: 01/19/1990

Enforcement Action: WRITTEN INFORMAL

ANACOMP INC (Continued) **1000225596**

Enforcement Action Date: 01/06/1989
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/23/1988
Actual Date Achieved Compliance: 01/19/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/06/1989
Penalty Type: Not reported

Regulation Violated: 264.70-77.E
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 10/22/1987
Actual Date Achieved Compliance: 11/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/16/1987
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 10/22/1987
Actual Date Achieved Compliance: 01/19/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/16/1987
Penalty Type: Not reported

Regulation Violated: 264.110-120.G
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 10/22/1987
Actual Date Achieved Compliance: 01/19/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/16/1987
Penalty Type: Not reported

There are 43 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19950718
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19950711
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19970919
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19970919
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19970919
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19970919
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19970919
	TSD-LAND BAN REQUIREMENTS	19970919
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19970919
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19970517
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19970919
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19970919
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19970919
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19970919
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940614
	TSD-THERMAL TREATMENT REQUIREMENTS	19940614
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940614
	TSD-LAND BAN REQUIREMENTS	19940614
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940614

ANACOMP INC (Continued) **1000225596**

	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940614
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940614
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940614
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940614
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19940614
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940614
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19940614
	TSD-CHEMICAL/PHYSICAL/BIOLOGICAL REQUIREMENTS	19940614
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920123
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920123
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920123
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19920123
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920123
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19920123
	TSD-LAND BAN REQUIREMENTS	19940614
Financial Record Review	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890930
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19890930
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	19920123
	GENERATOR-LAND BAN REQUIREMENTS	19900119
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900119
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19900119
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19881123
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900119
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19900119

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Region:	STATE
Case Type:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	COSTRE
How Discovered:	RPR
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global Id:	SL18246667
Stop Date:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2001-04-18 00:00:00

ANACOMP INC (Continued) **1000225596**

Discover Date:	Not reported
Enforcement Dt:	Not reported
Release Date:	1965-01-02 00:00:00
Review Date:	Not reported
Enter Date:	1993-08-01 00:00:00
MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Max MTBE GW ppb:	Not reported
Max MTBE Soil ppb:	Not reported
County:	43
Org Name:	Not reported
Reg Board:	San Francisco Bay Region
Status:	Case Closed
Chemical:	VOC
Contact Person:	Not reported
Responsible Party:	ANACOMP INC
RP Address:	CROSTHWAITE CIR
Interim:	Not reported
Oversight Prgm:	Spills, Leaks, Investigations and Cleanup UST
MTBE Class:	*
MTBE Conc:	0
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
Staff:	MRF
Staff Initials:	Not reported
Lead Agency:	Not reported
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	MS_T
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case #:	1824600
Case Number:	SL18246667
Qty Leaked:	Not reported
Abate Method:	Not reported
Operator:	Not reported
Water System Name:	Not reported
Well Name:	Not reported
Distance To Lust:	0
Waste Discharge Global ID:	Not reported
Waste Disch Assigned Name:	Not reported
Summary:	Not reported

SLIC:

Region:	STATE
Global Id:	SL18246667
Assigned Name:	SLICSITE
Lead Agency Contact:	Not reported
Lead Agency:	Not reported
Lead Agency Case Number:	Not reported
Responsible Party:	ANACOMP INC
Recent Dtw:	Not reported
Substance Released:	Alcohols, SVO, VOC
Facility Status:	**Case Closed**

ANACOMP INC (Continued) **1000225596**

SLIC:

Region:	2
Facility ID:	SL18246667
Facility Status:	Case Closed
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	RPR
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CORRACTS:

EPA ID:	CAD051612802
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	02/01/1995
Action:	CA200 - RFI Approved
NAICS Code(s):	511199 325211 325992 325992 All Other Publishers Plastics Material and Resin Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID:	CAD051612802
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	04/15/1987
Action:	CA100 - RFI Imposition
NAICS Code(s):	511199 325211 325992 325992 All Other Publishers Plastics Material and Resin Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID:	CAD051612802
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	04/15/1987
Action:	CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s):	511199 325211 325992 325992 All Other Publishers Plastics Material and Resin Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID:	CAD051612802
EPA Region:	9
Area Name:	ENTIRE FACILITY

ANACOMP INC (Continued) **1000225596**

Actual Date:	04/20/1991
Action:	CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s):	511199 325211 325992 325992 All Other Publishers Plastics Material and Resin Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID:	CAD051612802
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	05/01/1988
Action:	CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s):	511199 325211 325992 325992 All Other Publishers Plastics Material and Resin Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID:	CAD051612802
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	07/29/1994
Action:	CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s):	511199 325211 325992 325992 All Other Publishers Plastics Material and Resin Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID:	CAD051612802
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	07/29/1994
Action:	CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s):	511199 325211 325992 325992 All Other Publishers Plastics Material and Resin Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID:	CAD051612802
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	08/31/1987
Action:	CA650 - Stabilization Construction Completed
NAICS Code(s):	511199 325211 325992 325992 All Other Publishers Plastics Material and Resin Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing Photographic Film, Paper, Plate, and Chemical Manufacturing

ANACOMP INC (Continued) **1000225596**

EPA ID: CAD051612802
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 09/24/1997
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 511199 325211 325992 325992
All Other Publishers
Plastics Material and Resin Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID: CAD051612802
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 09/24/1997
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 511199 325211 325992 325992
All Other Publishers
Plastics Material and Resin Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID: CAD051612802
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 09/24/1997
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 511199 325211 325992 325992
All Other Publishers
Plastics Material and Resin Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID: CAD051612802
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 12/28/2000
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 511199 325211 325992 325992
All Other Publishers
Plastics Material and Resin Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing

EPA ID: CAD051612802
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 12/28/2000

ANACOMP INC (Continued) **1000225596**

Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 511199 325211 325992 325992
All Other Publishers
Plastics Material and Resin Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing
Photographic Film, Paper, Plate, and Chemical Manufacturing

CERC-NFRAP:
Site ID: 0901420
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 03/01/1985
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 03/01/1985
Priority Level: High

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 08/01/1985
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 08/01/1985
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 05/01/1988
Priority Level: High

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 11/02/1992
Priority Level: Not reported

ANACOMP INC (Continued) **1000225596**

HIST UST:

Region:	STATE
Facility ID:	00000001076
Tank Num:	001
Container Num:	TF-T-1
Year Installed:	1978
Tank Capacity:	00012000
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0009
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NEIL F. INGLIS
Telephone:	4087394170
Owner Name:	XIDEX CORPORATION
Owner Address:	2141 LANDINGS DRIVE
Owner City,St,Zip:	MOUNTAIN VIEW, CA 94043

Region:	STATE
Facility ID:	00000001076
Tank Num:	002
Container Num:	TF-T-2
Year Installed:	1978
Tank Capacity:	00012000
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0009
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NEIL F. INGLIS
Telephone:	4087394170
Owner Name:	XIDEX CORPORATION
Owner Address:	2141 LANDINGS DRIVE
Owner City,St,Zip:	MOUNTAIN VIEW, CA 94043

Region:	STATE
Facility ID:	00000001076
Tank Num:	003
Container Num:	TF-T-3
Year Installed:	1978
Tank Capacity:	00012000
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0009
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NEIL F. INGLIS
Telephone:	4087394170
Owner Name:	XIDEX CORPORATION
Owner Address:	2141 LANDINGS DRIVE
Owner City,St,Zip:	MOUNTAIN VIEW, CA 94043

ANACOMP INC (Continued) **1000225596**

Region:	STATE
Facility ID:	00000001076
Tank Num:	004
Container Num:	TF-T-4
Year Installed:	1978
Tank Capacity:	00008000
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0009
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NEIL F. INGLIS
Telephone:	4087394170
Owner Name:	XIDEX CORPORATION
Owner Address:	2141 LANDINGS DRIVE
Owner City,St,Zip:	MOUNTAIN VIEW, CA 94043

Region:	STATE
Facility ID:	00000001076
Tank Num:	005
Container Num:	TF-T-5
Year Installed:	1978
Tank Capacity:	00008000
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0009
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NEIL F. INGLIS
Telephone:	4087394170
Owner Name:	XIDEX CORPORATION
Owner Address:	2141 LANDINGS DRIVE
Owner City,St,Zip:	MOUNTAIN VIEW, CA 94043

Region:	STATE
Facility ID:	00000001076
Tank Num:	006
Container Num:	T1
Year Installed:	1970
Tank Capacity:	00007500
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0009
Tank Used for:	Not reported
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NEIL F. INGLIS
Telephone:	4087394170
Owner Name:	XIDEX CORPORATION
Owner Address:	2141 LANDINGS DRIVE
Owner City,St,Zip:	MOUNTAIN VIEW, CA 94043

ANACOMP INC (Continued) **1000225596**

Region:	STATE
Facility ID:	00000001076
Tank Num:	007
Container Num:	T2
Year Installed:	1970
Tank Capacity:	00007500
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0009
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NEIL F. INGLIS
Telephone:	4087394170
Owner Name:	XIDEX CORPORATION
Owner Address:	2141 LANDINGS DRIVE
Owner City,St,Zip:	MOUNTAIN VIEW, CA 94043

Region:	STATE
Facility ID:	00000001076
Tank Num:	008
Container Num:	T3
Year Installed:	1974
Tank Capacity:	00010000
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0009
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NEIL F. INGLIS
Telephone:	4087394170
Owner Name:	XIDEX CORPORATION
Owner Address:	2141 LANDINGS DRIVE
Owner City,St,Zip:	MOUNTAIN VIEW, CA 94043

Region:	STATE
Facility ID:	00000001076
Tank Num:	009
Container Num:	T4
Year Installed:	1970
Tank Capacity:	00007500
Facility Type:	Other
Other Type:	MANUFACTUR
Total Tanks:	0009
Tank Used for:	Not reported
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Contact Name:	NEIL F. INGLIS
Telephone:	4087394170
Owner Name:	XIDEX CORPORATION
Owner Address:	2141 LANDINGS DRIVE
Owner City,St,Zip:	MOUNTAIN VIEW, CA 94043

ANACOMP INC (Continued) **1000225596**

NY MANIFEST:
Document ID: NYA4067357
Manifest Status: C
Trans1 State ID: 706348
Trans2 State ID: Not reported
Generator Ship Date: 870113
Trans1 Recv Date: 870113
Trans2 Recv Date: 870115
TSD Site Recv Date: 870128
Part A Recv Date: 870123
Part B Recv Date: 870206
Generator EPA ID: CAD051612802
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00001
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00003
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00001
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 87
Facility Type: Generator
EPA ID: CAD051612802
Facility Name: XIDEX
Facility Address: 305 SOQUEL
Facility City: SUNNYVALE
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: XIDEX
Mailing Contact: Not reported
Mailing Address: 305 SOQUEL
Mailing City: SUNNYVALE
Mailing State: CA
Mailing Zip: 94086
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 408-739-4170

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ANACOMP MICROGRAPHICS FILM COATING
305 SOQUEL WAY
SUNNYVALE, CA 94086
ENVIROSTOR
S101482373
N/A

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: North Coast
Facility ID: 43380001
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: **Refer: RWQCB**
Status Date: 1993-03-18 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 37.3844444444444
Longitude: -122.033888888889
Alias Name: CAD051612802
43380001
ANACOMP (ANACOOMP?) / XIDEX
XIDEX CORPORATION
Alias Type: EPA Identification Number
Alternate Name
Alternate Name
Calsites ID Number
APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 10003
Potenital Description: * HALOGENATED SOLVENTS
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALVISO	1000885561	SANTOS LANDFILL	CITY OF ALVISO LANDFILL	95002	CERCLIS, FINDS, WMUDS/SWAT
ALVISO	S106235174	MONEYMAKER & HOXIE	CROSS ROUTE 237 ASSEMBLAGE / GOLD STREET	95002	LUST, SLIC
ALVISO	S101482387	MARSHLAND DEVELOPMENTS, INC	GOLD STREET, NEAR SAN TOMAS AQUINO CREEK	95002	ENVIROSTOR
ALVISO	1003878436	NINE PAR DUMP	LOS ESTEROS RD	95002	CERC-NFRAP
ALVISO	S100833420	SOUTH BAY ASBESTOS AREA (ALVISO)	TOWN OF ALVISO ABOUT 5 MILES NORTH OF SAN JOSE	95002	CA BOND EXP. PLAN
EL DORADO	S100184408	UNION MINE LANDFILL	UNION MINE ROAD	94089	Notify 65, ENVIROSTOR
FREMONT	U001594918	SUNNYVALE LUMBER INC.	44580 WARM SPRINGS BLVD.	94086	HIST UST
MACON ROAD	U001594270	HEADQUARTERS 129 ARRG, BUILDIN	MACON ROAD	94035	HIST UST
MOFFET FIELD	S105692734	AMES RESEARCH BLDG N-238 TANK 20 N-238	MC CORD AVENUE	94035	LUST
MOFFET FIELD	S105690127	AMES RESEARCH N251 MOTOR POOL N-251	MCCORD AVENUE	94035	LUST
MOFFET FIELD	S105692749	AMES RESEARCH BLDG N-233 TANK 16 N-233	PARSONS AVENUE	94035	LUST
MOFFET FIELD	S105692865	AMES RESEARCH U-14 U-14	WRIGHT AVENUE	94035	LUST
MOFFETT FIELD	S106922752	ARC JET LABORATORY	N238 7TH ST	94035	SWEEPS UST
MOFFETT FIELD	U001594258	ARC JET LABORATORY	N238 7TH ST.	94035	HIST UST
MOFFETT FIELD	S106923120	BASE CIVIL ENGINEER	MACON RD	94035	SWEEPS UST
MOFFETT FIELD	S106923122	BASE SUPPLY, BUILDING 681	MACON RD	94035	SWEEPS UST
MOFFETT FIELD	U001594259	BASE CIVIL ENGINEER	MACON ROAD	94035	HIST UST
MOFFETT FIELD	S106929784	NASA AMES RESEARCH CENTER	MOFFETT FIELD	94035	SWEEPS UST
MOFFETT FIELD	S106929894	NEX AUTO SERVICE CENTER	MOFFETT FIELD 503	94035	SWEEPS UST
MOFFETT FIELD	S107619864	MOFFETT FEDERAL AIRFIELD TANKS 121 & 122	MOFFETT BLVD.	94035	LUST
MOFFETT FIELD	S106716224	MOFFETT FEDERAL AIRFIELD NEX SITE, TKS 33-40	NONE WESTCOT AND MACON RD	94035	LUST
MOFFETT FIELD	S106716407	MOFFETT FEDERAL AIRFIELD TANKS 30, 31	NONE ALONG NORTH PATROL ROAD	94035	LUST
MOFFETT FIELD	S105692886	MOFFETT FEDERAL AIRFIELD SITE 19, TANK 53	19 PATROL RD AND MARRIAGE RD	94035	LUST
MOFFETT FIELD	S106916308	MOFFETT FEDERAL AIRFIELD NEX TANK 41A	41A WESTCOT AND MACON RD	94035	LUST
MOUNTAIN VIEW	S101272887	MOFFETT FEDERAL AIRFIELD, OU-2	2,200 ACRES; 35MI S OF SAN FRANCISCO, CA	94089	RESPONSE, ENVIROSTOR
MOUNTAIN VIEW	S101272888	MOFFETT FEDERAL AIRFIELD, OU-5	2,200 ACRES; 35MI S OF SAN FRANCISCO, CA	94089	RESPONSE, ENVIROSTOR
MOUNTAIN VIEW	S101482384	MOFFETT FEDERAL AIRFIELD, OU-3	2,200 ACRES; 35MI S OF SAN FRANCISCO, CA	94089	ENVIROSTOR
MOUNTAIN VIEW	S100183044	PLYMOUTH GROUP-VILLAGE OAKS IV	120/160 ADA AVENUE	94043	ENVIROSTOR
MOUNTAIN VIEW	1000378087	RALSCH EQUIPMENT CO. SHOP	1105 W. AVENIDA	94043	RCRA-SQG, FINDS, HAZNET
MOUNTAIN VIEW	1001217341	SAV ON DRUG NO 3762	715 E EL CAMINO REAL	94043	RCRA-SQG
MOUNTAIN VIEW	1008341526	HIGHWAY 101 AND MOFFETT BLVD	HIGHWWAY 101/85/MOFFETT BLVD	94043	CERCLIS
MOUNTAIN VIEW	S106927185	HEADQUARTERS 129 ARRG, BLDG	MACON RD	94035	SWEEPS UST
MOUNTAIN VIEW	S105086943	CLEAR CHANNEL COMMUNICATION INC	MOFFETT FIELD BLDG N254	94035	HAZNET
MOUNTAIN VIEW	S107736340	FORMER VECTOR CONTROL YARD	750 MOFFETT BLVD	94043	VCP, ENVIROSTOR
MOUNTAIN VIEW	S106716738	US NAVY HOUSING PROJECT	MOFFETT / MDDLFLD W	94043	LUST
MOUNTAIN VIEW	S105512837	J.C. PENNEY	SAN ANTONIO AT ALMA ST RD	94043	LUST, HIST LUST
NAS MOFFETT FIELD	U001594260	BASE CIVIL ENGINEER, BUILDING	MACON ROAD	94035	HIST UST
NAS MOFFETT FIELD	U001594261	BASE SUPPLY, BUILDING 681	MACON ROAD	94035	HIST UST
SAN JOSE	S104735528	CISCO SYSTEMS SITE 6	NORTH FIRST STREET / SYNTAX COURT	95002	DEED, VCP, ENVIROSTOR
SAN JOSE	S106934593	WSP TRUCKING, INC	1200 STATE ALVISO ST	95002	SWEEPS UST
SOUTH SAN FRANCISCO	S106162145	UAL HYDRANT LEAK SHELL CHEVRON	UNKNOWN SAN FRANCISCO AIRPORT GATE 75	94086	LUST, SLIC
SOUTH SAN FRANCISCO	S106163640	SF GHILOTTI BROS SPILL CITY	UNKNOWN SAN FRANCISCO AIRPORT	94085	LUST, SLIC

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SUNNYVALE	U004049803	T-M MANUFACTURING	695 E ARQUES	94086	UST
SUNNYVALE	1003878983	TEPCO	936EAST ARQUES	94086	CERC-NFRAP
SUNNYVALE	S105026819	SCR-ADVANCED MICRO DEVICE	1165 ARQUES	94086	LUST, Cortese, SLIC
SUNNYVALE	S105694729	UNITED TECHNOLOGIES CHEMICAL	1050 ARQUES AVE	94086	LUST, HIST LUST
SUNNYVALE	S100186306	OPEN FIELD / SUNNYVALE LANDFILL	BETWEEN HIGHWAY 237 / HIGHWAY 101	94086	ENVIROSTOR
SUNNYVALE	1007736439	SUNNYVALE WPCP	144 BORREGAS AVE.	94089	FINDS
SUNNYVALE	1001195321	SCVTA TASMAN BLOCK C310	BORREGAS AND GROSSMAN AVE	94086	RCRA-SQG, FINDS, HAZNET
SUNNYVALE	S101482411	SAN ANTONIO / WEST BAYSHORE AREA PLUME	BOUNDED: BAYSHORE, FABIAN / SAN ANTONIO	94086	ENVIROSTOR
SUNNYVALE	S108207371	FUHSD - SUNNYVALE HIGH SCHOOL	570 BRITTON AVE	94086	HAZNET
SUNNYVALE	S106932684	SUNNYVALE HIGH SCHOOL	570 BRITTON AVE	94086	SWEEPS UST
SUNNYVALE	1003878444	SUNNYVALE LDFL	CARIBBEAN DR	94086	CERC-NFRAP
SUNNYVALE	2004734394	1058 WEST EVELYN	1058 WEST EVELYN		ERNS
SUNNYVALE	2001563201	1058 WEST EVELYN AVE	1058 WEST EVELYN AVE		ERNS
SUNNYVALE	S105026824	SUNNYVALE CITY OF	FAIR OAKS / HWY 237		Cortese
SUNNYVALE	S106716313	SUNNYVALE, CITY OF	FAIR OAKS / 237 HWY	94085	LUST, HIST LUST
SUNNYVALE	S105512949	SUNNYVALE, CITY OF	FAIROAKS / 237 HWY	94085	LUST
SUNNYVALE	U003790979	BP OIL #11231	801 N FAIROAKS AVE	94086	UST, SWEEPS UST
SUNNYVALE	S107996332	MOBIL (CONOCOPHILLIPS)	801 N FAIROAKS AVE	94086	LUST
SUNNYVALE	S105512947	ESL, INC.	1330 GENEVA - BLDG M-4 DR	94089	LUST, HIST LUST
SUNNYVALE	1001195323	SCVTA TASMAN BLOCK C885	GUADALUPE RIVER AND HWY 237	94089	RCRA-SQG, FINDS
SUNNYVALE	U004049825	FACILITY 43-007-435666	401 HENDY AVENUE BUILDING 17	94086	UST
SUNNYVALE	U004049826	FACILITY 43-007-435668	401 E HENDY AVENUE BUILDING 11	94086	UST
SUNNYVALE	U004049827	FACILITY 43-007-435669	401 E HENDY AVENUE BUILDING 51	94086	UST
SUNNYVALE	U004049833	FACILITY 43-007-436887	401 E HENDY AVENUE BUILDING 46	94086	UST
SUNNYVALE	S106928754	LOCKHEED MISSILES & SPACE CO.	1111 LOCKHEED WAY B109	94086	SWEEPS UST
SUNNYVALE	1001959772	CITY OF SUNNYVALE	MARY AVE BETWEEN CARSON DR AND	94086	RCRA-SQG, FINDS, HAZNET
SUNNYVALE	S106661331	FIFTH AVENUE 1.79 CLEANERS	251 S MARY STE 2	94086	HAZNET, CLEANERS
SUNNYVALE	U004049816	SUNNYVALE CITY OF (SUNNYVALE)	171 MATHILDA AV	94086	UST
SUNNYVALE	1004676005	SHELL STN	776 N MATHILDA	94086	RCRA-SQG, FINDS
SUNNYVALE	U003981950	UNOCAL SERVICE STATION #4315	499 N MATHILDA AVE	94086	UST, SWEEPS UST
SUNNYVALE	U004049778	VALERO	498 NORTH MATHILDA AVENUE	94086	UST
SUNNYVALE	U004049781	AMERICAN EUROPEAN AUTO CLINIC	105 MAUDE AV	94086	UST
SUNNYVALE	S106235178	MALC	1022-1034 MAUDE W	94086	LUST, SLIC
SUNNYVALE	S101482355	XEROX SUNNYVALE FACILITY	415, 435 OAKMEAD PARKWAY	94086	ENVIROSTOR
SUNNYVALE	S106483668	PERRY-ARRILLAGA	307 NORTH PASTORIA	94086	LUST, SLIC
SUNNYVALE	1007199051	ADAC LABORATORIES	255 SAN GERONIMO	94086	RCRA-SQG
SUNNYVALE	1003878011	SAN LAZARO AREA PLUME	SAN LAZARO AVE	94086	CERC-NFRAP
SUNNYVALE	S105181519	US AIR FORCE SUNNYVALE	6594 SQUADRON ST	94089	LUST
SUNNYVALE	92283072	SUNNYVALE CITY LANDFILL	SUNNYVALE CITY LANDFILL	94086	ERNS
SUNNYVALE	U001594877	AMETEK, SILICON MATERIAL DIVIS	SUNNYVALE	94086	HIST UST
SUNNYVALE	1000207291	SCIENCE APPLICATIONS INT CORP	257 TASMAN DRIVE	94089	RCRA-SQG, FINDS
SUNNYVALE	S106162503	SAN LAZARO AREA PLUME	UNKNOWN SAN LAZARO AVE	94086	LUST, SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA’s Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA’s Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 02/23/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/28/2006
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 02/19/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/28/2006	Source: EPA
Date Data Arrived at EDR: 12/19/2006	Telephone: 703-603-8960
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/19/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/20/2006	Source: EPA
Date Data Arrived at EDR: 01/29/2007	Telephone: 703-603-8960
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/04/2007	Source: EPA
Date Data Arrived at EDR: 01/18/2007	Telephone: 800-424-9346
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/27/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 01/24/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 47

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 01/24/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 01/17/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/17/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/18/2006
Date Data Arrived at EDR: 12/14/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 63

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 02/06/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/10/2007
Date Data Arrived at EDR: 01/24/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 34

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/22/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 03/12/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 202-343-9775
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB’s who are required to notify the EPA of such activities.

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 03/02/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/26/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 32

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/2006
Date Data Arrived at EDR: 12/28/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/28/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/06/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/29/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/11/2006
Date Data Arrived at EDR: 12/13/2006
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 42

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 03/15/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 12/19/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/19/2006	Telephone: 916-341-5227
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 12/19/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 03/05/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 05/29/2001	Telephone: 916-323-3400
Date Made Active in Reports: 07/26/2001	Last EDR Contact: 01/22/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 01/08/2007	Source: Department of Conservation
Date Data Arrived at EDR: 01/09/2007	Telephone: 916-323-3836
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 01/09/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Quarterly

LUST: Geotracker’s Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/09/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/09/2007	Telephone: 866-480-1028
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 01/09/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Quarterly

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 01/01/2007	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 01/23/2007	Telephone: 916-464-3291
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/23/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
Last EDR Contact: 02/05/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 12/27/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 01/09/2007
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/09/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 01/08/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 02/12/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/14/2007
	Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 01/22/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 01/03/2007
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005	Source: Regional Water Quality Control Board, Victorville Branch
Date Data Arrived at EDR: 05/25/2005	Telephone: 619-241-6583
Date Made Active in Reports: 06/16/2005	Last EDR Contact: 01/02/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board, Lahontan Region
Date Data Arrived at EDR: 09/07/2004	Telephone: 530-542-5574
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 03/05/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/27/2006
Date Data Arrived at EDR: 11/27/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 37

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Annually

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/09/2007
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 14

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 01/09/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Semi-Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 11/02/2006
Date Data Arrived at EDR: 11/03/2006
Date Made Active in Reports: 12/08/2006
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/29/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2004	Source: Office of Emergency Services
Date Data Arrived at EDR: 11/30/2005	Telephone: 916-845-8400
Date Made Active in Reports: 01/19/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 50	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 01/15/2007
Number of Days to Update: 18	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 01/15/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/16/2007	Telephone: 916-323-3400
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/16/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/28/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/29/2006	Telephone: 916-323-3400
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 02/28/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 04/18/2005	Telephone: 916-327-4498
Date Made Active in Reports: 05/06/2005	Last EDR Contact: 03/05/2007
Number of Days to Update: 18	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 10/25/2006	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 10/31/2006	Telephone: 213-576-6726
Date Made Active in Reports: 11/28/2006	Last EDR Contact: 03/13/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 05/17/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/17/2006	Telephone: 916-255-6504
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 02/26/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/28/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/29/2006	Telephone: 916-323-3400
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 02/28/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2005	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 11/20/2006	Telephone: 916-255-1136
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 02/06/2007
Number of Days to Update: 44	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2004	Source: California Air Resources Board
Date Data Arrived at EDR: 04/14/2006	Telephone: 916-322-2990
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 01/19/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/08/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/30/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/21/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 02/21/2007
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/19/2006
Date Data Arrived at EDR: 12/19/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 11/21/2006	Source: EPA Region 10
Date Data Arrived at EDR: 12/08/2006	Telephone: 206-553-2857
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 02/19/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 11/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 12/08/2006	Telephone: 303-312-6137
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007	Source: EPA Region 6
Date Data Arrived at EDR: 01/12/2007	Telephone: 214-665-7591
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006	Source: EPA Region 9
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3368
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR’s researchers. Manufactured gas sites were used in the United States from the 1800’s to 1950’s to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/31/2007	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 02/02/2007	Telephone: 510-567-6700
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/22/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/26/2006	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 10/27/2006	Telephone: 510-567-6700
Date Made Active in Reports: 11/13/2006	Last EDR Contact: 01/22/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 35

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/26/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/13/2007
Date Data Arrived at EDR: 01/16/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 42

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/16/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 12/06/2006
Date Data Arrived at EDR: 12/07/2006
Date Made Active in Reports: 01/04/2007
Number of Days to Update: 28

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 05/16/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2006
Date Data Arrived at EDR: 12/29/2006
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 26

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 11/13/2006
Date Data Arrived at EDR: 11/28/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 36

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/13/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/04/2006
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 12/14/2006
Date Data Arrived at EDR: 12/15/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 39

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 11/13/2006
Date Data Arrived at EDR: 11/13/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 29

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/06/2006
Date Data Arrived at EDR: 11/28/2006
Date Made Active in Reports: 01/04/2007
Number of Days to Update: 37

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/29/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2007	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/10/2007	Telephone: 707-253-4269
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2007	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/10/2007	Telephone: 707-253-4269
Date Made Active in Reports: 01/23/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/01/2006	Source: Health Care Agency
Date Data Arrived at EDR: 01/04/2007	Telephone: 714-834-3446
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/2006	Source: Health Care Agency
Date Data Arrived at EDR: 01/04/2007	Telephone: 714-834-3446
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/2006	Source: Health Care Agency
Date Data Arrived at EDR: 01/04/2007	Telephone: 714-834-3446
Date Made Active in Reports: 01/23/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/17/2007	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 01/18/2007	Telephone: 530-889-7312
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 12/29/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/06/2007
Date Data Arrived at EDR: 02/07/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 20

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 11/09/2006
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 12/21/2006
Number of Days to Update: 41

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 02/16/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 11

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 02/15/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 12

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 01/04/2007
Date Data Arrived at EDR: 01/05/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment ’H’ permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 01/03/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 12/21/2006
Date Data Arrived at EDR: 12/22/2006
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 33

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 12/21/2006
Date Data Arrived at EDR: 12/22/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 32

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/16/2006
Date Data Arrived at EDR: 12/13/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 41

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/25/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 33

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 01/09/2007	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 01/09/2007	Telephone: 650-363-1921
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 12/27/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 09/29/2006	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/02/2006	Telephone: 408-918-3417
Date Made Active in Reports: 10/25/2006	Last EDR Contact: 12/27/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 12/07/2006	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 12/07/2006	Telephone: 408-277-4659
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 01/08/2007	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 02/06/2007	Telephone: 707-784-6770
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 12/27/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 01/02/2007	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2007	Telephone: 707-784-6770
Date Made Active in Reports: 01/23/2007	Last EDR Contact: 12/27/2006
Number of Days to Update: 7	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/22/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 35

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/22/2007
Next Scheduled EDR Contact: 04/23/2007
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 01/29/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 09/05/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 30

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 41

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/10/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 11/13/2006
Date Data Arrived at EDR: 11/28/2006
Date Made Active in Reports: 01/04/2007
Number of Days to Update: 37

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/29/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/16/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 01/01/2007
Date Data Arrived at EDR: 01/04/2007
Date Made Active in Reports: 02/13/2007
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/04/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/26/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/05/2007
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 03/02/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 04/11/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/18/2006
Number of Days to Update: 48

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/17/2006	Telephone: N/A
Date Made Active in Reports: 05/02/2006	Last EDR Contact: 02/06/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Annually

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association’s annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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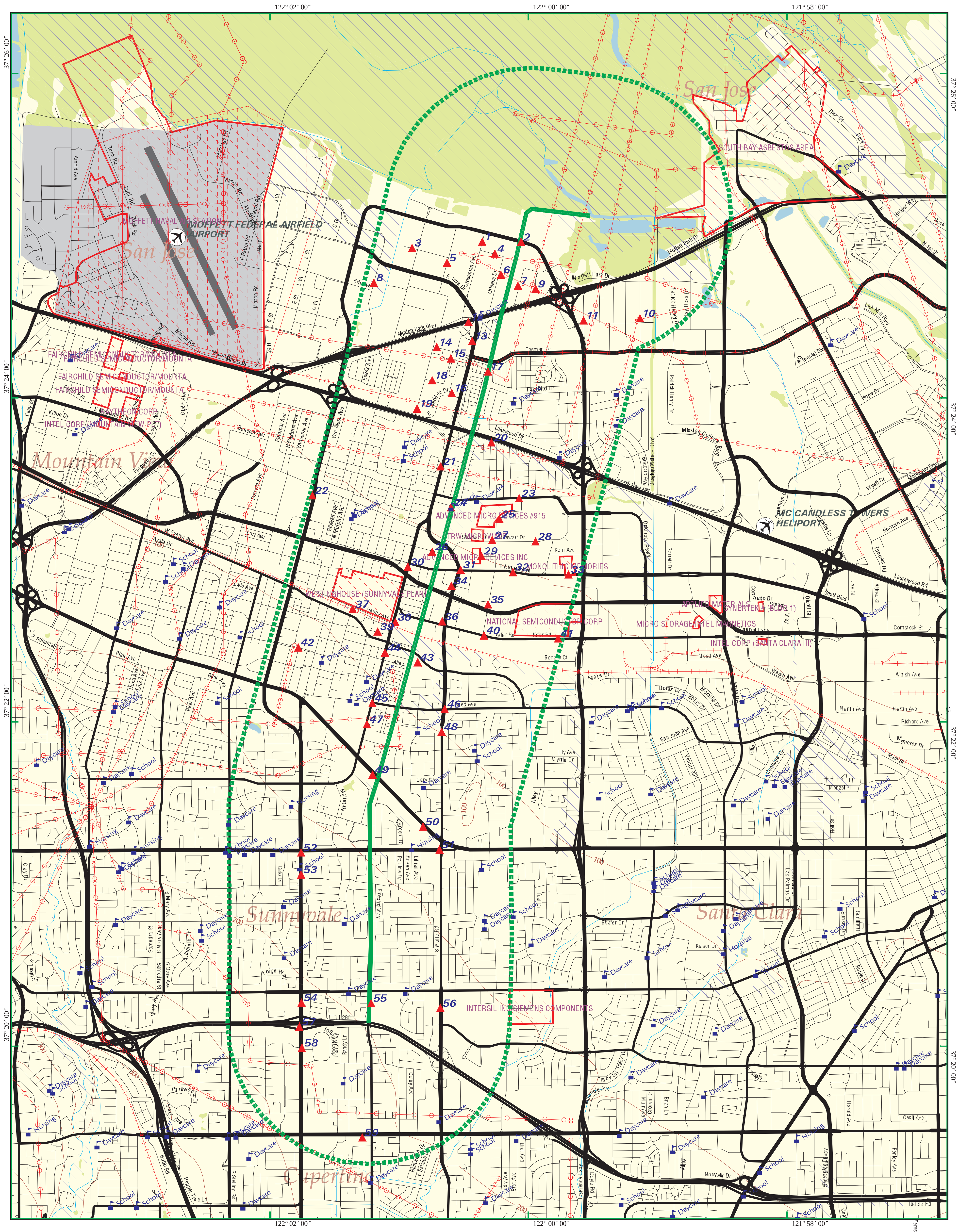

EDR DataMap® −Corridor Study

Sunnyvale East Channel

EDR Environmental Data Resources Inc

Sunnyvale, CA

▲ Listed Sites
▣ Earthquake Epicenters (Richter 5 or greater)
▨ Search Boundary
▨ Roads

▨ Major Roads
▨ Waterways
▨ Railroads
▨ Contour Lines

▨ Pipelines
▨ Powerlines
▨ Fault Lines
▨ Water

▨ Superfund Sites
▨ Federal DOD Sites
▨ Indian Reservations BIA
▨ 100-Yr Flood Zones

🟩 National Wetland Inventory

N

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Scale in Miles

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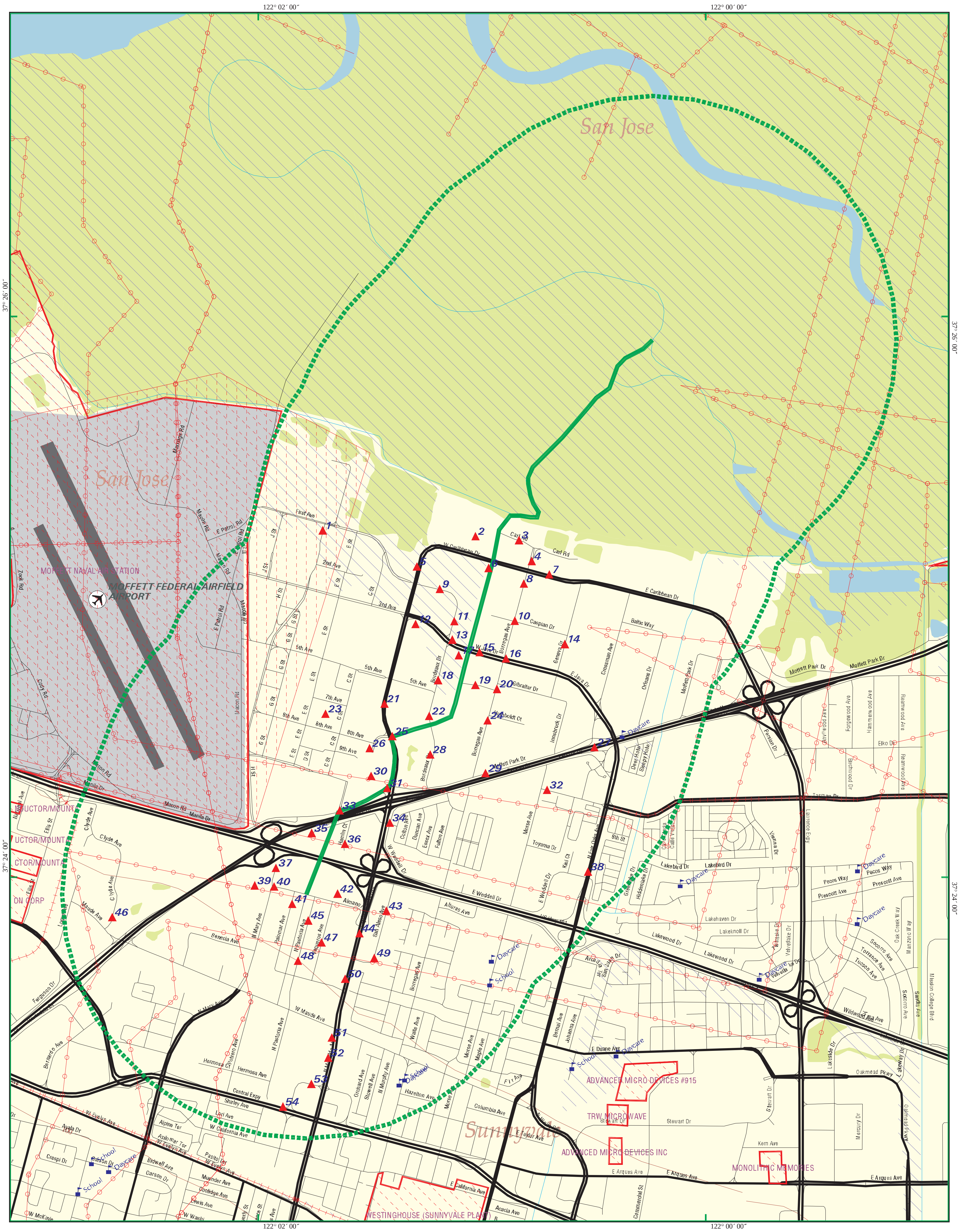

EDR® Environmental Data Resources Inc

EDR DataMap® –Corridor Study

Sunnyvale West Channel

Sunnyvale, CA

▲ Listed Sites
▣ Earthquake Epicenters (Richter 5 or greater)
▨ Search Boundary
╱╲ Roads
╱╲ Major Roads
╱╲ Waterways
╱╲ Railroads
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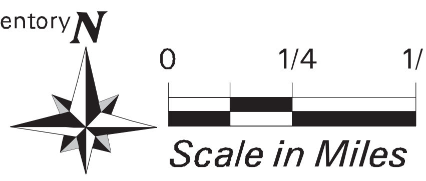
▨ Federal DOD Sites
▨ Indian Reservations BIA
▨ 100-Yr Flood Zones
🟩 National Wetland Inventory



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APPENDIX C

SELECTED FILE REVIEW DOCUMENTS

DRAFT

California Regional Water Quality Control Board

San Francisco Bay Region

Terry Tamminen
Secretary for
Environmental
Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
http://www.swrcb.ca.gov/rwqcb2

Arnold Schwarzenegger
Governor

December 15, 2004
File No. 43s0265 (vc)

Ball Family Administrative Trust
Attn: Ron Ball
13454 Tierra Heights Road
Redding, CA 96003

Menlo Caspian Investment Company Partners
Attn: Robert Courson
2882 Sandhill Road, Suite 250
Menlo Park, CA 94025

RECEIVED
DEC 27 2004
SANTA C
WATER DIS

SUBJECT: No Further Action, 141 Caspian Court, Sunnyvale, Santa Clara County, CA

Dear Mr. Ball and Mr Courson:

This letter confirms the completion of site investigation and remedial action for the pollutant releases at the subject site.

This site is located in an industrial area of Sunnyvale in approximately two miles south of San Francisco Bay. A.C. Ball Company, a small Department of Defense specialty contractor, operated at the site from about 1978 to 1982. These operations included aluminum finishing, vapor degreasing, painting, welding, assembly, and testing. Volatile Organic Compounds (VOCs) were released to the soil and groundwater as a result of leaking underground storage tanks at the site, including tetrachloroethylene (PCE), trichloroethylene (TCE), 1,1,1-trichloroethane (TCA), 1,1-dichloroethylene (1,1-DCE), 1,2-dichloroethylene (1,2-DCE), 1,1-dichloroethane (DCA), and 1,4-dioxane.

The underground storage tanks were removed along with some contaminated soil in 1987. The dischargers installed six groundwater extraction wells and 21 co-extraction wells (groundwater and vapor) in 1993 and 1994. The groundwater and soil vapor extraction system operated until about November 1996, extracting over 11 million gallons of groundwater, 40 million cubic feet of soil gas, and approximately 130 pounds of VOCs. During the most recent groundwater monitoring (August 2002), maximum VOC concentrations in groundwater were 10 micrograms per liter (µg/l) for PCE, 42 µg/l for TCE, 69 µg/l for TCA, 16 µg/l for DCA, 190 µg/l for 1,1-DCE, 17 µg/l for 1,2-DCE, and 22 µg/l for 1,4-dioxane.

The groundwater extraction and treatment system has reduced groundwater pollution to asymptotic levels and it is expected that natural attenuation will further reduce contaminant levels. Due to the relatively low contaminant concentrations, significant impacts to human health or the environment are unlikely.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the pollutant releases at the subject site is required.

If you have any questions, please contact Vincent Christian of my staff at (510) 622-2336 [e-mail vchristian@waterboards.ca.gov].

Sincerely,

Bruce H. Wolfe
Executive Officer

Attachment: Closure Summary Report

cc w/attach:

Brian Kelleher
Kelleher & Associates
1658 E. Capitol Expressway PMB 293
San Jose, CA 95121

James Honniball
Geomatrix Consultants, Inc.
2101 Webster Street, 12th Floor
Oakland, CA 94612

William Theyskens
City of Sunnyvale
P.O. Box 3707
Sunnyvale, CA 94088-3707

George Cook
Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118

CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: December 10, 2004

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2300
Responsible Staff Person: Vincent Christian	Title: Engineer

II. SITE INFORMATION

Site Facility Name: Former AC Ball Company		
Site Facility Address: 141 Caspian Court, Sunnyvale, CA		
RB Case No.: 43s0265 (vc)	Local Case No.:	Priority:

Responsible Parties (include addresses and phone numbers)
(1) Ball Family Administrative Trust, c/o Ron Ball, 13454 Tierra Heights Road, Redding, CA 96003
Phone: (530) 275-1001
(2) Menlo Caspian Investment Company Partners co Robert Courson, 2882 Sand Hill Road, Suite 250,
Menlo Park, CA. Phone: (650) 854-6300

Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1	1,500	Metal finishing wastes	Removed	Oct 1987
2	1,500	Metal finishing wastes	Removed	Oct 1987

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: leakage from USTs with possible contributions from surface spills and adjacent Canal seepage		
Site characterization complete? Yes	Date Approved by Oversight Agency: 1995	
Monitoring wells installed? Yes	Number: 54	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: ~9 feet	Lowest Depth: ~5 feet	Flow Direction: NNW to NNE
Most Sensitive Current Use: Not used		
Most Sensitive Potential Use Probability of Use	Landscape irrigation. Shallow groundwater has high TDS (1200-1900 ppm) and is not well suited for others uses due to very high scaling potential	

Are drinking water wells affected? No	Aquifer Name:
Is surface water affected? Yes, but in the area of Sunnyvale landfill and WWTP outfall	Nearest surface water name: Sunnyvale West Outfall Canal
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Report(s) on file? Numerous	Where is report(s) filed? SFRWQCB

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	Two fiberglass 1,500 gallon USTs	Off hauled to Class I landfill	Oct-Dec 1987
Piping	45 lineal feet	Off hauled to Class I landfill	Oct-Dec 1987
Free Product	none		
Soil	100 cubic yards	Off hauled to Class I landfill	Oct-Dec 1987
Groundwater	11 million gallons	Extracted, treated and discharged to sanitary sewer	1994-1996
Soil gas	40 million cubic feet	Extracted, treated and discharged to atmosphere	1994-1995

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
PCE	4.0	.018	57	10	1,2 DCE	0.4	0.016	140	17
TCE	0.8	0.110	690	42	Freon 113	nd	nd	128	5.2
1,1,1 TCA	0.8	0.018	4,300	69	Freon 11	nd	nd	3.2	NA
1,1 DCA	0.024	0.024	403	16	1,4 dioxane	NA	NA	NA	22
1,1 DCE	1.0	nd	1,733	190					
1,2 DCA	nd	nd	23	3.7					

Comments (Depth of Remediation, etc.):

Groundwater is encountered at approximately 7-8 feet from grade with a northerly gradient. Soil contamination in the unsaturated zone was mostly confined to the immediate vicinity of the USTs and was effectively removed during the over-excavation of the tank cavities in Oct-Dec 1987. Active groundwater remediation was accomplished in 1994 to 1996 using a network of sixteen dual extraction wells and ten air-sparing wells. Follow-up monitoring was conducted for twelve wells from 1997 to 2002. There are other documented HVOC source areas in the site vicinity including the Lockheed Martin site. The shallow groundwater has relatively high TDS levels due to the proximity of SF Bay. The abutting section of the Sunnyvale West Outfall Canal is unlined and carries effluent from the Sunnyvale wastewater treatment plant.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Yes		
Site Management Requirements: A deed notice has been attached to the property title that includes the following covenants that run with the land: (1) no water production wells are to be installed within the site boundaries; (2) the Board is to be advised of all changes in ownership; and (3) a H&SP is to be prepared for all any excavation work within the site boundaries that includes provisions for properly managing any HVOC-impacted soils.		
Monitoring Wells Decommissioned: Yes	Number Decommissioned: 54	Number Retained: 0
List Enforcement Actions Taken: CAO 95-014		
List Enforcement Actions Rescinded: CAO 95-014		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC.,THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Author/Title	Date
EVAX, "Site Assessment/Feasibility Study/Remedial Action Plan."	February 25, 1993
RRM, "Phase II Site Characterization and Feasibility Study Report."	September 30, 1993
RRM, "Phase III Remediation System Installation Report."	March 26, 1994
RRM Phase III System Operations and Monitoring (nine reports).	1994 to 1997
RRM "Supplemental Site Characterization Report."	May 12, 1995
Geomatrix, "B-Zone Groundwater Investigation."	May 31, 1995
RRM, "Monitoring Well/Water Well Identification Report."	August 23, 1995.
Toxichem, "Baseline Health Risk Assessment."	April 10, 1997
RRM, "Residual Risk Management Plan."	June 1997
Geomatrix, Annual B-Zone Self-Monitoring Reports and associated transmittal correspondence.	1997-2001
RRM, Quarterly/Annual Groundwater Monitoring Reports and associated transmittal correspondence.	1997-2002
RRM, "Evaluation of Remedial Alternatives for Achieving Drinking Water Standards."	August 23, 2000.

VI. ADDITIONAL COMMENTS, DATA, ETC.

The Former AC Ball Company site at 141 Caspian Road, Sunnyvale is a 3.61 acre lot located in the Moffett Industrial Park area of Sunnyvale and includes a single story 53,000 square foot light industrial building with mezzanine. The site was purchased and developed for industrial use in 1977 by Alfred and May Ball, a private party that owned and operated the A.C. Ball Company, a small Defense Department contractor job shop. The Balls ceased operation in 1982, and sold the property in mid 1983 to Menlo Caspian Investment Company Partners (Menlo Caspian). The site ownership has changed hands several times since November 1995 and is currently owned by the partnership of James Linsley, Kentfield, CA and Kalil Jenab, Santa Clara.

Groundwater is encountered at approximately 7-8 feet from grade under unconfined conditions with a northerly gradient. A tidally influenced section of the Sunnyvale West Outfall Canal, an unlined drainage channel, lies along the western properly line and discharges into the marshes and sloughs comprising the south shore of San Francisco Bay approximately 2,000 feet north of the site. The City of Sunnyvale has used the marshes and sloughs as close as about 500 feet north of the site for mixed municipal/industrial waste disposal since the early 1900s with treated or partially treated wastewater backing up into the Canal on every flood tide.

The AC Ball Company facilities included two 1,500-gallon underground tanks located in a covered concrete pad area abutting the west side of the building that was used for metal finishing operations including steel and aluminum finishing, vapor degreasing, painting, welding, assembly and testing. Soil and groundwater contamination problems were discovered by a Menlo Caspian tenant in December 1985 during investigations of the pad and tank areas. The primary contaminants of concern include the halogenated volatile organic compounds (HVOCs) PCE, TCE, TCA and their breakdown products.

The discovery of the subsurface contamination problems precipitated a lawsuit between Menlo Caspian and the Balls that was settled out of court in January 1993. Under the terms of the settlement agreement, the Balls accepted responsibility for investigating/remediating the impacted area of the A-Aquifer, a series of sand lenses that extends from 5 to 25 feet from grade, and Menlo Caspian accepted responsibility for investigating and remediating the impacted area of the B-Aquifer, a sand lens that occurs between 50 and 55 feet below ground surface (bgs).

In defining the vertical and lateral extent of contamination, RP contractors conducted the following remedial investigations between 1985 and 1996 pursuant to approved workplans: (1) hand augured 19 borings to 6-inches to 8 feet below ground surface (bgs) from which 29 soil samples were collected; (2) drilled 56 borings to 20 to 60 feet bgs from which 98 soil samples and 14 grab-groundwater samples were collected; (3) hydraulically cored 36 borings 10 to 25 feet bgs from which 28 soil samples and 31 grab-groundwater samples were collected; (4) installed 22 metal probes from 5 to 8 feet bgs from which 22 soil gas samples were collected; (5) installed 11 geoprobes to 20 to 30 feet bgs from which 11 soil gas samples and 8 grab-groundwater samples were collected; (6) installed 6 cone-penetrometer-test probes to 50 feet from grade from which 4 grab groundwater samples were collected; (7) conducted 4 tidal influence studies to assess the effects of dry weather tidal flows in the Canal on shallow groundwater elevations; (8) collected 2 sediment samples and 2 water samples from the Canal; (9) identified and assessed known and potential VOC sources in the site vicinity; (10) identified and assessed all recorded existing/abandoned/destroyed water-production wells in the site vicinity; (11) installed 51 A-Aquifer wells, 39 within the site boundaries and 12 outside the site boundaries from which approximately 360 purged groundwater samples were collected and 300 well-soundings were made; (12) installed 3 B-Zone monitoring wells within the Site boundaries from which 20 groundwater samples were collected and 20 well-soundings were made; (13) provided certified analyses for 157 soil samples for HVOCs and other constituents; (14) provided certified analyses for approximately 360 purged groundwater samples and 50 grab-groundwater samples for HVOCs and other constituents; and (15) provided field tests or certified HVOC analyses for 33 soil gas samples.

The collective investigations revealed a plume of HVOC-contaminated groundwater in the A-Aquifer that extends NNW approximately 200 feet from the tank/pad area to the Canal. The plume then runs approximately 2,000 feet NNE directly under the Canal to its confluence with the Bay near the Sunnyvale WWTP outfall. It is speculated that some of the VOC contamination directly underlying the Canal is associated with historic wastewater discharges into the Canal during the period the discharges were untreated or partially treated. The impact on the B-aquifer was restricted to the site boundaries. HVOC-impacted soil was not found in the unsaturated zone outside of the immediate area of the two USTs. Maximum total HVOC levels down gradient of the pad area in the A Aquifer (well MW-10A) were approximately 5,500 ppb. Maximum HVOCs in the B-zone wells (well MW-6B) were 510 ppb.

In October 1987, Menlo Caspian contractors conducted remedial excavation work for soils in conjunction with the removal of the two USTs. They over excavated and off hauled approximately 100 cubic yards of soil from in and around the tanks to 10 feet bgs. The soils and broken up tanks and lines were disposed of at a Class I landfill facility. The excavations were backfilled with pea gravel.

In 1991 to 1994, , AC Ball contractors conducted a groundwater treatability test, a slug test, three continuous draw-down pumping tests, and approximately ten vapor-extraction and co-extraction/air-sparging performance tests.

Between 1993 and November 1996, AC Ball contractors conducted the following groundwater remediation work pursuant to approved workplans: (1) configured 16 wells for dual extraction and 10 wells for air-sparging in the HVOC-impacted area between the USTs and the Canal; (2) constructed a treatment compound and mobilized/installed unit processes for groundwater extraction and treatment, soil vapor extraction and treatment, and air-sparging; (3) installed conveyance piping to connect the extraction/sparging well network to the treatment compound; (4) operated the groundwater extraction and treatment and air-sparging systems from June 1994 to November 1996 during which they extracted and treated 11 million gallons of groundwater that was discharged to a sanitary sewer cleanout under a sewer-use permit; (5) operated the SVE system from June 1994 to May 1995 during which they extracted and treated approximately 40 million cubic feet of soil gas and discharged it to the atmosphere under a permit issued by BAAQMD. During this period the co-extraction system removed an estimated 130 pounds of HVOCs from the subsurface. At the time of system shut down, total HVOCs at well MW-10A were in the order of 700 ppb, representing an approximately 87 percent reduction from baseline levels. The total HVOC level at well MW-6B was 81 ppb, representing an approximately 84 percent reduction from baseline levels.

In connection with the petition to terminate active remediation, RP contractors conducted a water supply-well survey and conducted human health and ecological risk assessments. In June 1997, RP contractors submitted a residual risk management plan to the Board that included a proposed follow-up groundwater monitoring plan, proposed deed restrictions, and a proposed contingency plan. A deed notice now attached to the title includes the following covenants: (1) no water production wells are to be installed on the property; (2) the Regional Board is to be advised of changes of ownership; (3) a site specific health and safety plan is to be prepared in connection with any excavation work to ensure safe and proper management of any HVOC-impacted soils that are encountered.

RP contractors conducted quarterly follow-up groundwater monitoring of twelve site wells from January 1997 to August 1998 and annual monitoring events from 1999 to 2002. During this period, HVOC levels were in general decline with breakdown products predominating. With the source area removed, it is anticipate the HVOC levels will continue to decline by natural attenuation processes including dilution, dispersion, diffusion, and biological degradation.

RP contractors destroyed thirty-five wells in February 1997 and the twelve remaining wells in October 2004.

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

SEMI-ANNUAL GROUNDWATER MONITORING REPORT
JANUARY-JUNE 2005
LOCKHEED MARTIN SPACE SYSTEMS COMPANY
PLANT ONE SITE
SUNNYVALE, CALIFORNIA

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SEMI-ANNUAL MONITORING REPORT
JANUARY-JULY 2005
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EXECUTIVE SUMMARY

This report describes activities conducted during the January to June 2005 semi-annual monitoring period for the Lockheed Martin Space Systems Company Plant One facility in Sunnyvale, California (the Site). This report has been prepared in accordance with the requirements of Site Cleanup Order 00-124, dated December 6, 2000, specifically the Self Monitoring Program (SMP).

Semi-Annual Groundwater Monitoring Event

In accordance with the schedule specified in the SMP, site-wide potentiometric surface elevation data were collected in April 2005. Groundwater samples were collected from 48 monitoring wells as part of the January 2005 quarterly monitoring event and from 11 extraction wells and 91 monitoring wells as part of the April 2005 annual monitoring event. In addition, extraction well operational parameters continued to be collected monthly.

Potentiometric surface elevations, measured during the April 2005 semi-annual monitoring event were generally consistent with elevations measured previously at the Site. Groundwater flow directions inferred from the contours indicate that groundwater flows in a northeasterly direction across the central portion of the Site and is diverted eastward in the vicinity of the Former Building 170 extraction wells and northwestward in the vicinity of the Former Building 178 extraction wells.

Groundwater analytical results for samples collected from the extraction wells in April 2005 were generally consistent with historical analytical results. The mass of volatile organic compounds (VOCs) removed by the extraction wells during the January to June semi-annual monitoring period decreased slightly from the previous monitoring period (July to December 2004) yet remain within the range of historical mass removal rates.

During the January 2005 quarterly monitoring event analytical results obtained were consistent with historical analytical results. Monitoring well analytical results obtained during the April 2005 annual sampling events were evaluated to calculate mass removal, plume boundary conditions and former suspected source area conditions. In addition, two wells located in the vicinity of the Process Wastewater Treatment and Recycling Facility (PWTRF) were sampled. The April 2005 analytical results were consistent with historical analytical results.

1.0 INTRODUCTION

The semi-annual report presents and discusses extraction system operating data, potentiometric surface elevation data and groundwater quality data collected during the January to June 2005 semi-annual monitoring period at Lockheed Martin's Plant One facility, located in Sunnyvale, California (the Site) (Figure 1). For the purpose of this report, the Site also comprises portions of the 390-394 Caribbean Drive property, where the off-site (OS) wells are located, and the southwestern corner of the City of Sunnyvale Landfill, where monitoring well G-15 is located. Semi-annual data are presented and discussed in accordance with the reporting requirements specified in the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) Self-Monitoring and Reporting Program (SMP) for the Site. The monitoring schedule for the SMP is presented at Table 1.

Figure 2 depicts the Plant One facility and shows the locations of monitoring wells, piezometers and extraction wells on and in the vicinity of the Site. Table 2 provides well construction details for wells that are currently monitored as part of the Plant One Self-Monitoring Program.

2.0 BACKGROUND

In 1987, LMSSC (formerly Lockheed Missiles & Space Company) notified the RWQCB that VOCs, hexavalent chromium and nitrates had been identified in shallow groundwater during performance of underground storage tank monitoring and investigation activities. The RWQCB requested that investigations be performed to further delineate groundwater impact throughout the Site. Based on results obtained during these initial investigations, the RWQCB issued Site Cleanup Requirements, Order No. 88-013, on January 20, 1988. The 1988 Order specified a comprehensive list of action items that LMSSC was to complete, including definition of onsite sources of groundwater contamination and characterization of the lateral and vertical extent of groundwater contamination beneath the Site. Data collected during several phases of investigation revealed that a number of chemicals were present in groundwater beneath the Site. Chemicals identified in groundwater (Target Chemicals) include volatile organic compounds (VOCs), primarily 1,1,1-Trichloroethane (TCA), Trichloroethene (TCE), 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113), hexavalent chromium and nitrate. The investigations also revealed that these Target Chemicals were present primarily within two zones of groundwater transmissivity, referred to as the first and second transmissive zones. A deeper, or third transmissive zone, was shown to be contaminant free.

The first transmissive zone is generally characterized by 5- to 10-feet thick sequences of moderate to high conductivity materials (often interbedded with thin units of lower conductivity materials) encountered within a depth interval of 5 to 25 feet below ground surface. The second transmissive zone is generally characterized by 5- to 15-feet thick sequences of moderate to high conductivity materials encountered within a depth interval of 25 to 55 feet below ground surface. Interbedding of thin units of low conductivity materials is also observed in the second transmissive zone. Local separation of the first and second transmissive zones is generally provided by a 5- to 15-feet thick unit of low conductivity materials. Available hydrogeologic and water quality data indicate that the thickness and depth interval of the layer separating the first and second transmissive zones varies significantly across the site.

Based on the results of the groundwater characterization and the evaluation of remedial alternatives presented in the Plant One site Feasibility Study for Groundwater Remediation (McLaren, 1990b), a groundwater extraction system was installed in the northeastern portion of the Site. The objective of the extraction system is to contain and remove Target Chemicals in the first and second transmissive zones. The system was installed in phases as described in the documents entitled "Phase I Extraction System Report and Phase II Work Plan" (McLaren/Hart, 1992a), and "Phase II Extraction System Report" (McLaren/Hart, 1993a). Phase I of the groundwater extraction system was initiated in February 1992. Phase I of the groundwater extraction system, consisting of wells EW-1 through EW-7, was installed in 1991 and Phase II, consisting of EW-8 through EW-11, was installed in January 1993. Operation of the extraction system was initiated in February 1992 and March 1993, respectively, for Phase I and Phase II, and has been fully operational since March 1993. The extraction wells were screened across both the first and second transmissive zones because aquifer test and water quality data indicated the two zones are in good hydraulic connection and have similar water quality conditions in the vicinity of the extraction system.

Prior to initiation of groundwater extraction in 1992, groundwater movement was in a general northeastern direction across the Site, with a slightly more eastward component in the area north of former Building 170. Following startup of the extraction system, groundwater flow remained in a northeasterly direction in the southern and central portions of the Site, while significant response was observed in the vicinity of the extraction system. Specifically, the direction of groundwater flow in the vicinity of the Former Building 170 extraction wells has been diverted to the east/southeast, and in the vicinity of the Former Building 178 extraction wells, has been diverted to the north/northwest. These flow directions have been observed in both the first and second transmissive zones and have generally remained consistent throughout the operational history of the extraction system.

In 1995, a preliminary effectiveness evaluation was conducted to determine if the extraction system was effectively capturing impacted groundwater and to determine if the optimum flow rates at selected extraction wells could be modified to reduce the volume of groundwater being extracted (McLaren/Hart, 1995). The results indicated that the extraction system was effectively capturing impacted groundwater and that modified flow rates could be implemented without adversely affecting capture. The extraction system has continued to operate at these modified flow rates since 1995 (see Table 3), with the exception of EW-11. As part of the effectiveness evaluation, a groundwater model was run to simulate capture conditions without EW-11, which had consistently demonstrated that the well was pumping clean water. The model results indicated that the extraction system would maintain good capture without EW-11 and, as such, that it could be turned off. To date, EW-11 has remained operational. LMSSC re-visited this issue with the RWQCB recently and has requested approval to discontinue operation of EW-11.

On December 6, 2000, the RWQCB rescinded Order No. 88-013 and issued Updated Site Cleanup Requirements, Order No. 00-124 (the Order). The purpose of the new Order is to 1) establish cleanup standards for groundwater contamination that exists at the Site due to historic facilities operations, and 2) establish requirements for evaluating the effectiveness of the final remedy at cleaning up groundwater contamination. To this end, the RWQCB expanded the scope of groundwater monitoring specified in the Self Monitoring Plan (SMP), presented in Table 1, to include wells that had not been sampled for several years. This expanded sampling schedule was implemented in October 2000. The inclusion of these additional monitoring locations provided a greater density of data that could be used to evaluate the effectiveness final remedy. For reference, monitor well construction details are presented in Table 2.

In October 2001, a second remedial effectiveness evaluation was completed for the Site. The 2001 remedial effectiveness evaluation demonstrated that the current groundwater remedial system was effectively containing and removing elevated chemical concentrations at the Site. The effectiveness evaluation further demonstrated that the cleanup objectives for nitrates and CFC-113 had been achieved across the site and that the cleanup objective for hexavalent chromium had been achieved in all first transmissive zone monitoring wells. These compounds continued to be monitored in accordance with the order. The wells that are sampled for Nitrates, CFC-113 and hexavalent chromium are show in figures 3, 4 and 5, respectively. LMSSC requested a reduction in the scope of the self-monitoring program based on the results of the effectiveness evaluation. Based on the results of the 2001 Remedial Effectiveness Evaluation, a revised SMP, shown in Table 1, was implemented in October 2002 with RWQCB approval.

The current SMP consists of the following activities:

- Quarterly monitoring of water quality at 54 monitoring wells (January, April, July and October);
- Semi-annual monitoring of potentiometric surface elevations at 133 monitoring wells, piezometers and well points (April and October);
- Semi-annual monitoring of water quality at 11 extraction wells (April and October); and
- Annual monitoring of water quality at 43 monitoring wells (April).
- Groundwater monitoring for selected contaminants in 10 monitoring wells every five years.

Since the October 2002 SMP Revision, 44 new monitoring wells have been installed as of April, 2004 as part of the focused Building 181/182 investigation. These wells have been monitored quarterly since installation. Results of the Building 181/182 Remedial Investigation are presented in the Remedial Investigation Report, Building 181/182 Complex, submitted to the RWQCB in April 2005.

Table 1 specifies monitoring frequency, monitoring period, monitoring parameters and analytical methods for each well. As shown in Table 1, certain compounds are analyzed every five years beginning in 2006. Figures 3, 4 and 5 depict all wells with a nitrate, CFC-113 or hexavalent chromium monitoring requirements, respectively. In addition to these monitoring requirements, LMSSC also conducts monthly performance monitoring at each extraction well. This additional monitoring is conducted to ensure that the wells are operating properly and to collect operational data that are used to evaluate system effectiveness.

3.0 METHODOLOGY

This section provides information on field procedures, laboratory analyses, representative concentrations, data evaluation criteria, and laboratory acceptance/rejection criteria.

3.1 FIELD PROCEDURES

The procedures used to collect the data presented in this report were performed in accordance with: 1) the "Revised Methods and Procedures for the Sampling and Analysis Plan, Plant One Facility" (McLaren/Hart, 1991); and 2) the "Operation and Maintenance Manual, LMSSC Plant One Groundwater Remediation Project, Phase I" (McLaren/Hart, 1992b).

3.1.1 Laboratory Analyses

As specified in the SMP groundwater samples were analyzed for one or more of the following: VOCs using Environmental Protection Agency (EPA) Method 8260B; hexavalent chromium using EPA Method 3500-CR-D or 7196 and CFC-113 using EPA Method 8260B. Entech Labs of San Jose, California (Entech) performed primary sample analyses. Sequoia Analytical of Morgan Hill, California performed duplicate sample analyses. Both laboratories are certified by the State of California to perform the above-referenced analyses.

3.1.2 Representative Concentrations

Because chemical concentrations vary between sampling events, a representative concentration has been established to assist in data comparison. Representative concentrations presented in this report are the historical average of the primary samples. One half the detection limit was used in calculating the average concentration when a compound was reported below the detection limit in a particular sample. If one half the detection limit was greater than any concentration detected previously, the sample was not used in the average. Representative concentrations were not calculated for a compound if it was detected at a frequency lower than 10 percent.

3.1.3 Evaluation Criteria

The analytical results from the monitoring wells sampled during the January through June 2005 semi-annual monitoring period were evaluated for consistency with historical analytical results. For the purpose of this report, the analytical results were considered to differ significantly from previous analytical results if:

- the concentration reported for a given compound differed from the representative concentration by greater than 50 %, and the concentration reported is greater than 10 parts per billion (ppb); or
- the concentration reported was the first detection of a compound in a sample from the given sampling location, and the concentration reported was greater than 10 ppb.

3.2 ACCEPTANCE-REJECTION CRITERIA

The EPA has established acceptance-rejection criteria for duplicate and replicate samples for the analysis of inorganic compounds ("Laboratory Data Validation - Functional Guidelines for Evaluating Inorganic Analyses", 1988). These criteria were then modified for the analysis of VOCs. To determine whether duplicate or replicate sample results are acceptable, the relative % difference (RPD) is calculated.

The RPD is defined as: $$\left(\frac{X-Y}{\frac{1}{2}(X+Y)}\right)\times 100$$

or,

$$\left(\frac{X-Z}{\frac{1}{2}\left(X+Z\right)}\right)\times 100$$

Where,

X = primary sample result
Y = duplicate sample result
Z = replicate sample result

A duplicate or replicate sample result met the acceptance criteria if:

- the relative percent difference (RPD) was below 20 %. (If the RPD falls between 20 and 50 %, the data was accepted but the % difference was noted. If the RPD exceeds 50 % the data was rejected.); and

- the sample concentration was five times higher than the quantification limit. (The quantification limit is provided by the analytical laboratory for each compound and is typically 2 to 5 times the method detection limit of the specific analysis.)

Since relatively small differences between low concentrations of VOCs will result in high RPDs, the criteria was not to be applied to concentrations below 10 ppb.

4.0 MONITORING RESULTS

This section presents and evaluates the data collected during the January to June 2005 semi-annual monitoring period. Activities performed during the semi-annual monitoring period included:

- collection of monthly extraction well operating data from eleven extraction wells and two cumulative discharge locations from January through June 2005;

- measurement of potentiometric surface elevations at 11 of 11 extraction wells, and 124 of 128 monitoring wells, piezometers and well points in April 2005;

- collection of groundwater samples from 49 monitoring wells in January of 2005 and 11 extraction wells and 91 monitoring wells in April and May 2005.

Each of these activities, and the associated results, are discussed below.

4.1 EXTRACTION SYSTEM OPERATION

Extraction system operating data are collected from 11 extraction wells and two cumulative discharge locations monthly. Cumulative discharge readings are taken at the Former Building 170 location (EW-4 through EW-10) and the Former Building 178 location (EW-1 through EW-3 and EW-11). These data are collected to evaluate the operating efficiency of the groundwater extraction system. The extraction system operating data include: 1) pumping rate in gallons per minute (gpm); 2) cumulative flow in gallons; 3) total hours of pumping; and 4) pressure at the well head in pounds per square inch (psi).

Table 3 presents flow rates measured at each extraction well during the January to June 2005 semi-annual monitoring period. The average flow rate, optimum flow rate and the percent of optimum flow for each extraction well are also presented in the table. The optimum flow rates are used as a benchmark to evaluate the operation of the extraction wells. The optimum flow rates are not necessarily indicative of the extraction system operating efficiency and/or effectiveness during the monitoring period.

As shown in Table 3, the flow rates measured at extraction wells EW-1, EW-2, EW-3, EW-4, EW-6, EW-7, EW-8 and EW-11 remained relatively consistent and close to optimum throughout the semi-annual monitoring period. Flow rates measured at extraction wells EW-9 and EW-10 were generally below optimum pumping rates. Historically, these wells have had a tendency to develop biological scale build up within the headworks and the pump impellers, which can reduce extraction rates. These wells are screened primarily in lower permeability deposits than the wells that have consistently performed at or near optimum flow rates. As a result, these wells are subjected to more frequent cycling. The more frequent cycling produces more wear on these pumps. In general, the efficiency of pumps that cycle frequently decreases over time and reduces the life span of the pump. Overall, the system continued to capture and contain Target Chemicals.

Days of operation for each month of the January to June 2005 semi-annual monitoring period are summarized in Table 4. The table also summarizes the volume of groundwater discharged by the extraction system and provides average daily extraction rates. Over 18 million gallons (MG) of groundwater were extracted by the Former Building 170 extraction wells and over 12.5 MG were extracted by the Former Building 178 extraction wells during the monitoring period. On average, the Former Building 170 extraction wells were in operation for 30 days per month and averaged approximately 104,000 gallons extracted per day. Former Building 178 extraction wells operated on average for 30 days per month and extracted approximately 70,000 gallons/day. These volumes and rates are generally consistent with those observed during the previous semi-annual monitoring period. Since initiation of groundwater extraction in 1992, over 880 MG have been extracted and discharged.

4.2 POTENTIOMETRIC SURFACE ELEVATIONS

Depth to water measurements were collected from 11 extraction wells and from 124 of 128 monitoring wells, piezometers and well points on April 20, 2004. Depth to water measurements were not collected from four monitoring wells. Well 178-08 appears to have been buried in landscaping, wells WP-03 and WP-04, are located in the wetlands off of former Building 170 and, the wetland was flooded during the water level event making the wells inaccessible and well 178-12 was parked over at the time of the water level event and during subsequent attempts to sound the well. Potentiometric surface elevations calculated from the depth to water measurements and well casing elevations are presented in Table 5 for the monitor wells, piezometers and well points, and in Table 6 for the extraction wells. Table 6 includes potentiometric surface elevation data collected during the previous two years. Potentiometric surface elevation contours (contours) developed from the April 2004 data are presented on Figures 6 and 7 for the first transmissive zone and on Figures 8 and 9 for the second transmissive zone. The 2B tansmissive zone contours are show in Figure 10, intermediate zone contours are shown in Figure 11 and the third zone contours are shown in Figure 12.

Site-wide groundwater flow patterns (flow patterns outside the influence of the groundwater extraction system) for April 2005, depicted on Figures 6 and 8 for the first and second transmissive zones, respectively, are consistent with historic flow patterns at the Site. Site-wide groundwater flow is generally towards the northeast in the first and second transmissive zones. Approximate horizontal gradient in the first transmissive zone ranges from 0.0043 in the southern portion of the site to 0.0034 ft/ft in the middle of the Site towards the extraction system. The approximate horizontal gradient in the second transmissive zone ranges from 0.0054 ft/ft in the southernmost portion of the Site to 0.0029 ft/ft from the middle portion of the Site toward the extraction system.

The potentiometric surface elevation contours for the northeastern portion of the Site are presented on Figures 7 and 9 for the first and second transmissive zones, respectively, and are generally consistent with historical data. The contours illustrate the significant response of groundwater flow to operation of the groundwater extraction system, notably in the vicinity of the Former Building 170, where the majority of the extraction wells are located. Prior to groundwater extraction, the direction of groundwater flow within the first and second transmissive zones was primarily to the northeast, as suggested in the area upgradient of the extraction system (Figures 6 and 8). Contours shown on Figures 7 and 9 for April 2005 in the vicinity of Former Building 170 indicate that the direction of groundwater flow has been diverted to the east/southeast, capturing the western portion of the VOC plume (VOCs in excess of regulatory criteria). Contours shown on Figures 6 and 8 for April 2005 in the vicinity of Former Building 178 indicate that the direction of groundwater flow is generally towards the north/northwest, capturing the eastern portion of the VOC plume. As shown by the contours, the extraction wells continue to effectively capture and contain the first and second transmissive zone Target Chemicals.

Figures 10, 11 and 12 show the potentiometric surface elevation contours for the 2B, intermediate and third transmissive zones, respectively. Groundwater flow direction in these zones is towards the north, consistent with the first and second transmissive zones.

Overall, the potentiometric surface elevations in the first and second transmissive zones generally increased since the previous site-wide event (November 2003). On average, potentiometric surface elevations increased by 0.51 feet in the first transmissive zone and 0.41 feet in the second transmissive zones. These increases are consistent with those observed during the same period the previous year, and are probably the result of seasonal influences.

Table 7 presents vertical gradients between selected first and second zone well pairs located away from the Former Building 170 and Former Building 178 extraction wells. Because of the good connection between the first and second transmissive zones in the vicinity of the extraction system, well pairs from these areas were not evaluated. Vertical gradients were calculated for each well pair by dividing the difference in potentiometric surface elevation by the difference in well depth. A total of nine well pairs demonstrated upward gradients, averaging 0.005 ft/ft, and five well pairs demonstrated downward gradients averaging 0.005 ft/ft. Insufficient data are available to establish vertical gradients between the second and third transmissive zones.

4.3 GROUNDWATER ANALYTICAL RESULTS

The January 2005 monitoring event was conducted in accordance with the schedule for sampling specified in the SMP. Specifically, the January 2005 groundwater analyses consisted of 1) VOC analyses from 48 monitoring wells, and 2) hexavalent chromium analyses from 2 monitoring wells. The analytical data for the Target Chemicals from the current monitoring period are shown in Table 8.

The April 2005 monitoring event, including samples collected in April and May 2005 due to new monitoring well installation, was conducted in accordance with the schedule for annual sampling specified in the SMP. Specifically, the April 2005 groundwater analyses consisted of: 1) VOC analyses from 91 monitoring wells and 11 extraction wells; 2) hexavalent chromium analyses from nine monitoring wells and five extraction wells; and 3) CFC-113 from 11 extraction wells. The analytical data for the Target Chemicals from the January and April 2005 monitoring events are shown in Table 8.

The analytical results discussion is organized into three separate sections: 1) mass removal; 2) former suspected source areas; and 3) PWTRF wells. No wells were sampled during January 2005 that monitor on-site migration. During the April 2005 annual sampling event all onsite migration monitoring wells had results similar to the previous annual events results (April 2003) and were in agreement with historical data. Monitoring wells included in each of these functional groups are depicted in Figure 13. TCE isoconcentration contours using the April 2005 data for the first, second and 2B transmissive zones are presented in Figures 14, 15 and 16, respectively. VOC and hexavalent chromium results are discussed in each section, if applicable.

4.3.1 Mass Removal

Representative concentrations and historical analytical results for total VOCs from the extraction wells are presented in Table 9. Total VOCs does not include CFC-113 because this compound has not been analyzed historically in samples from the extraction wells. The April 2005 analytical results for total VOCs from the extraction wells are similar to the analytical results reported during the previous monitoring event (October 2004) and are generally consistent with results obtained during the past year. In April 2005, total VOCs detected in the extraction wells ranged from below the reporting limit in EW-11 to 222 parts per billion (ppb) in EW-10. All of the April 2005 analytical results were lower than their respective representative concentrations.

Figure 17 presents a graph of the quarterly mass of VOCs removed by the groundwater extraction system. Former Building 170 reflects the mass removed by extraction wells EW-4 through EW-10, and Former Building 178 reflects the mass removed by extraction wells EW-1 through EW-3 and EW-11. As shown on Figure 17, the quarterly mass of VOCs removed by the Former Building 170 extraction wells during the period January through March 2005 was 4.75 pounds. Between April and June 2004 the mass removed increased slightly to 5.03 lbs. Overall, approximately 10 pounds of VOCs were removed by the Former Building 170 extraction wells during the January through June 2005 semi-annual monitoring period. For the Former Building 178 extraction wells, the quarterly VOC mass removal during the period January through March 2005 was 1.13 pounds. From April through June 2005, the mass removed increased slightly to 1.17 pounds. Overall, approximately 2.5 pounds of VOCs were removed by the Former Building 178 extraction wells during the January through June 2005 semi-annual monitoring period.

Figure 18 presents the cumulative mass of VOCs removed by the groundwater extraction system. Approximately 941 pounds of VOCs have been removed by the extraction system since February 1992. Overall, the data indicate that the Former Building 170 and Former Building 178 extraction wells continue to effectively reduce the mass of VOCs in groundwater beneath the Site.

Hexavalent Chromium

Current and representative concentrations and historical analytical results for hexavalent chromium from the extraction wells are presented in Table 10. As shown in the table, the April 2005 analytical results for hexavalent chromium from the extraction wells are generally consistent with previous analytical results.

Overall, the April 2005 hexavalent chromium results indicate a decreasing trend in concentrations over time.

Figure 17 presents a graph of the mass of chromium removed by the extraction system since 1992. The Former Building 170 curve represents the mass of hexavalent chromium removed by extraction wells EW-4 through EW-10, and the Former Building 178 curve represents the mass removed by extraction wells EW-1 through EW-3 and EW-11. As shown in Figure 17, the calculated mass of hexavalent chromium removed by Former Building 170 extraction wells during the period of January through March 2005 was 0.27 lbs and between April and June 2005, was 0.28 lbs. The calculated mass of hexavalent chromium removed from the Former Building 178 extraction wells during the period of January through March 2005 was 0.44 lbs and April through June 2005 was 0.46 lbs. A graph cumulative hexavalent chromium mass removed by the extraction system is presented in Figure 18.

4.3.2 Former Suspected Source Areas

As shown in Table 11, all January 2005 analytical results from former suspected source area wells were lower than the representative concentrations with one exception. In monitoring well 182-5 1,1-dichloroethene (DCE) was detected at 19 ppb and the representative concentration was 9.5 ppb. Well 182-5 is in the vicinity of Building 182. A focused investigation in the vicinity of Building 182 is currently being conducted and results will be presented under separate cover at the conclusion of the investigation. All other results exhibited stable or decreasing concentrations trends. The graphs clearly demonstrate that most former suspected source area wells have exhibited decreasing concentration trends since initiation of groundwater extraction. Overall, the data indicate that the former suspected source areas are not contributing VOCs or hexavalent chromium to groundwater.

4.3.3 PWTRF Wells

Monitoring wells 175-6, 175-7 and 175-9 are located along the southern side of Lockheed Martin's Process Wastewater Treatment and Reclamation Facility (PWTRF) and are completed in the first transmissive zone. Historically, the primary VOC present in these wells has been PCE. The current data support this characterization and generally indicate a decreasing trend in concentrations.

4.4 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

QA/QC samples are handled, prepared and analyzed concurrently with primary samples to ensure that the procedures and equipment used to collect samples and generate data are operating within suitable accuracy under known, well-defined conditions. Both laboratory and field QA/QC procedures are performed in accordance with the site methods and procedures document. The acceptance-rejection criteria used to evaluate duplicate and replicate samples are presented in Section 3.2. Summaries of sampling QA/QC are included in Tables 12 and 14 for January and April 2005, respectively, and summaries of analytical QA/QC are included in Tables 13 and 15 for January and April 2005, respectively. Analytical results for all QA/QC samples are included in the laboratory reports, which are available for review upon request. A discussion of the January and April 2004 QA/QC results is presented below.

4.4.1 Duplicate Samples

A duplicate sample is an additional sample collected from the same well in a separate container to verify and check consistency between labs. A duplicate VOC sample was collected from wells 182-21, 182-24, 182-25, 182-35 and 186-2 during the January 2005 quarterly monitoring event. As noted in Table 14 many of the duplicate samples have relative percent differences in excess of 50 percent. However, concentrations detected in primary samples during January 2005 were generally consistent with historical results. Duplicate results in future monitoring events will be closely evaluated to assess the validity of the duplicate results.

Duplicate VOC samples were collected from 041-9, 151-3, 159-3, 160-1, 175-6, 175-7, 177-2, 182-14, 182-21, 183-1, 186-4 and EW-1 during the April 2005 sampling event. The samples that had RPDs between 20% and 50% are noted in Table 15.

4.4.2 Replicate Samples

A replicate sample is an additional sample collected from the same well in a separate container and analyzed to verify the consistency of the primary laboratory. During the January 2005 quarterly sampling event, a replicate VOC sample was collected from wells 182-14, 182-15, 182-27 and 186-4. All calculated RPDs were within acceptance limits and the primary results from these locations were consistent with historical concentrations detected in these wells.

During the April 2005 sampling event, replicate VOC samples were collected from wells 160-2, 175-7, 175-9, 177-2, 181-6, 182-11, 182-24, 182-27, 184-1 and EW-10 and replicate hexavalent chromium samples were collected from 160-2 and EW-10. All calculated RPDs were within acceptance limits and the primary results from these locations and were consistent with historical concentrations detected in these wells.

4.4.3 Matrix Spike/Matrix Spike Duplicates

A matrix spike analysis is performed on a field sample that is spiked with known concentrations of certain target compounds. The percent recovery of the compound is a measure of sample matrix interference on the extraction method. The MS/MSD sample collected during the January 2005 sampling event was collected at monitor wells 161-1, 182-11, 182-17 and 183-1. During April 2005 sampling event VOC MS/MSD samples were collected at monitoring wells 101-1, 104-1, 104-2, 142-1, 157-1, 159-2, 159-2, 182-18, OS-6 and EW-3. All matrix spike recoveries were within acceptable limits collected during the January 2005 quarterly and April 2005 annual monitoring events with the exception of TCE recovery in the sample 182-11. At well 182-11 during January 2005 the percent recovery of TCE on the MS/MSD sample was at 140 percent. This is out of acceptable percent recovery limits and is probably due to matrix interference.

4.4.4 Trip Blanks

A trip blank is a sample prepared by the lab using clean, analyte-free material (de-ionized water). The trip blank provides a measure of potential contaminants introduced during sample preservation, transportation, storage and analysis. Trip blanks for VOCs were submitted with each laboratory shipment. No compounds were detected in any of the trip blanks submitted during the January 2005 sampling events. During the April 2005 sampling events all trip blanks had no compounds detected except for the trip blank submitted on April 28, 2005. This trip blank had a detection of chloromethane just above the reporting limit. This detection is suspected to be due to lab contamination.

4.5 WATER LEVEL MEASUREMENT CALIBRATION

During the April 2005 annual monitoring event, depth to water measurements were collected by three sampling technicians to minimize the time between measurements. The electronic water level indicators used to collect these measurements are calibrated by measuring the depth to water in one monitoring well simultaneously. Depth to water measurements are adjusted to the calibration if the simultaneous soundings differ by greater than 0.05 feet. During the April 2005 sounding event, simultaneous readings of 10.83, 10.83 and 10.84 feet below top of casing were obtained at monitoring well 170-23. Therefore, depth to water measurements did not require adjustment.

4.6 CONCLUSIONS AND RECOMMENDATIONS

Extraction system operational data, water quality data and potentiometric surface elevation data collected during the January to April 2005 semi-annual monitoring period indicates the groundwater extraction system continues to effectively contain and remove Target Chemicals from groundwater at the Plant One site. Data in support of this assertion include the following:

- Mass removal rates calculated for this semi-annual monitoring period were consistent with mass removal rates calculated previously. The current VOC mass removal rate (approximately 6 pounds per quarter) indicates that the extraction system is effectively removing mass.

- Groundwater flow patterns continue to indicate that the extraction system is effectively capturing and containing the VOC plume.

- VOC concentrations in wells sampled during the monitoring period generally decreased or remained consistent with historically data.

- Monitoring wells 159-5, 182-5, 182-6, 183-1 and 184-1 were installed in the second transmissive zone during August and September 2002 as a part of the focused Building 182 investigation and have been sampled quarterly since installation. Data collected from these wells provide limited additional information from which plume geometries can be inferred. As such, we recommend that the monitoring frequency for these wells be changed to an annual basis.

These findings indicate that the current groundwater remedial system at the Plant One Site is effectively containing and removing Target Chemicals from groundwater. The next groundwater monitoring report will be submitted in September 2005.

5.0 REFERENCES

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McLaren, 1990a, "Phase III Groundwater Characterization, Lockheed Missiles and Space Company, Plant One Site, Sunnyvale, California". Prepared by McLaren Engineering for LMSC and submitted to the RWQCB in April 1990.

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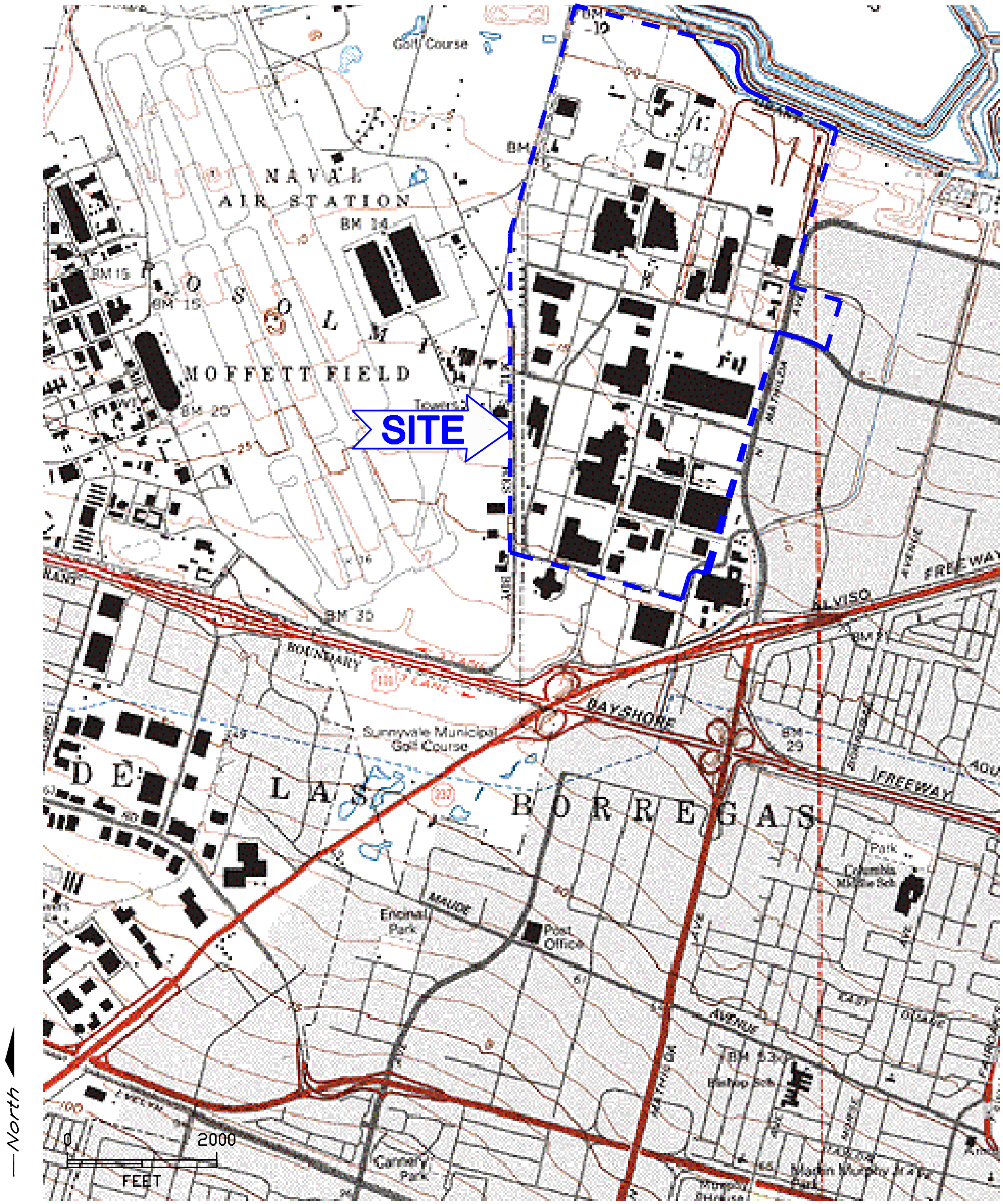
McLaren/Hart, 1999, “Source Characterization and Plume Delineation Report”. Prepared by McLaren/Hart for LMMS and submitted to the RWQCB on August 24, 1999.

RWQCB, 1996, “Analytical Data in Self-Monitoring Reports”, November 5, 1996 (File Nos. 2011.00, 2246.00 (SAH)).

FIGURES



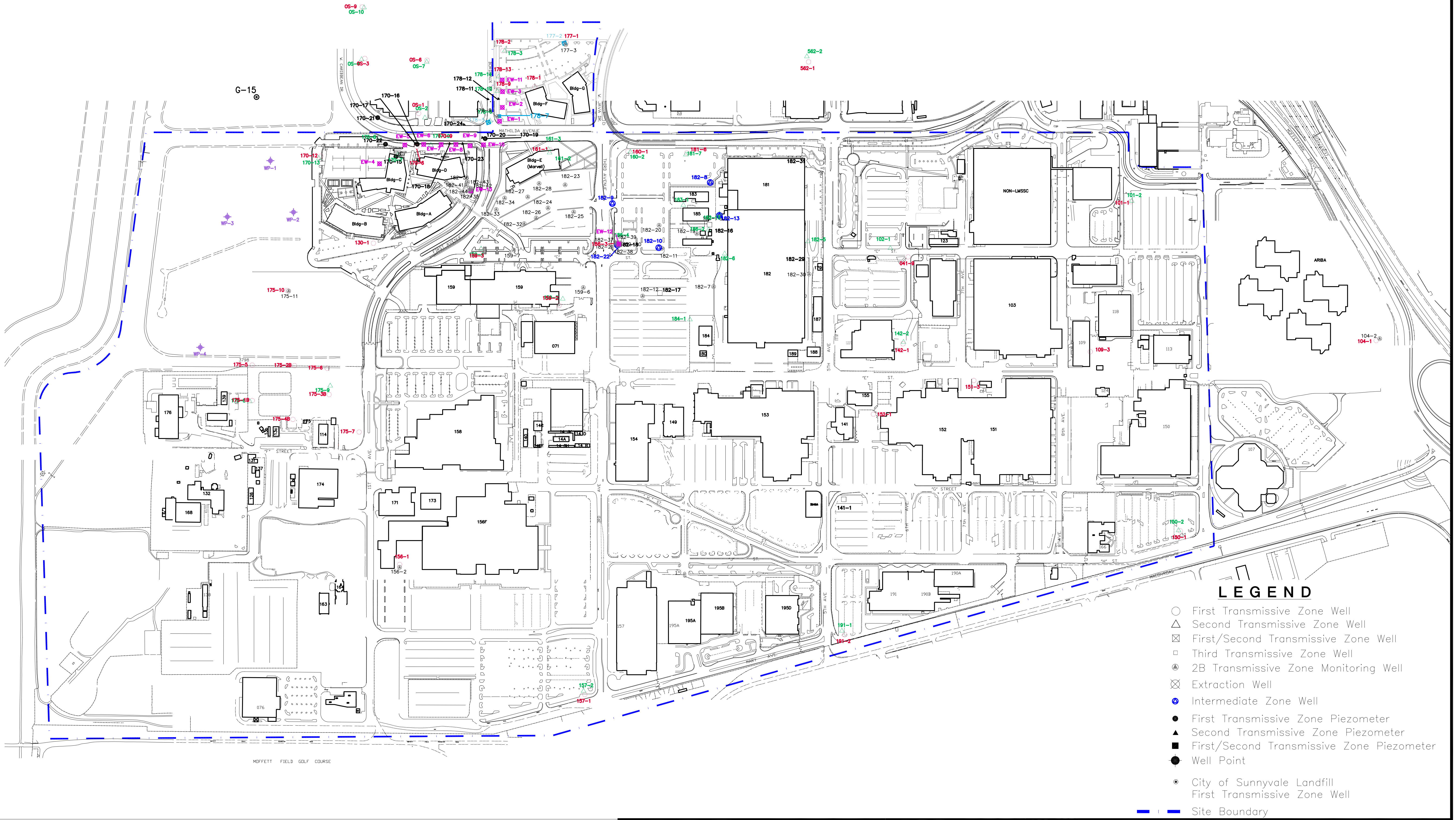
CAMERON-COLE

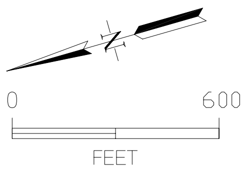
LMSSC PLANT ONE SITE

FIGURE 1
SITE LOCATION MAP

SCALE:	DATE:
1" = 2000'	3-12-02

2401-07


G-15
MATHILDA AVENUE
THIRD AVENUE
MOFFETT FIELD GOLF COURSE
NON-LMSSC
ARIBA
Bldg-A
Bldg-B
Bldg-C
Bldg-D
Bldg-E (Marvell)
Bldg-F
Bldg-G
LEGEND
First Transmissive Zone Well
Second Transmissive Zone Well
First/Second Transmissive Zone Well
Third Transmissive Zone Well
2B Transmissive Zone Monitoring Well
Extraction Well
Intermediate Zone Well
First Transmissive Zone Piezometer
Second Transmissive Zone Piezometer
First/Second Transmissive Zone Piezometer
Well Point
City of Sunnyvale Landfill First Transmissive Zone Well
Site Boundary



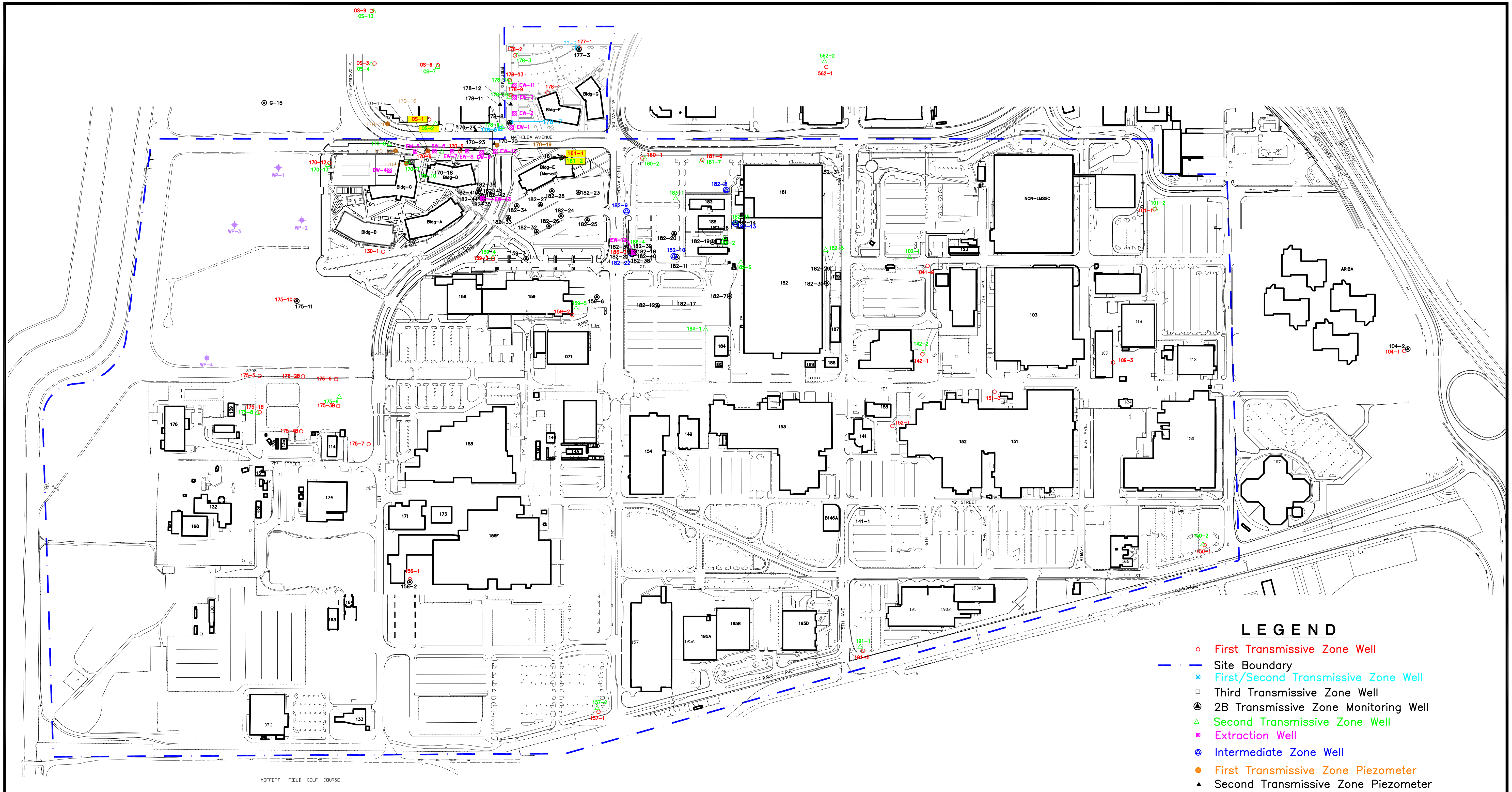
	BY	DATE
DRAWN	SPS	8/22/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 2
SITE MAP
LMSSC PLANT ONE SITE
SUNNYVALE, CALIFORNIA

SCALE: 1" = 600'

DWG. NO.: 2415-0076



LEGEND

○ First Transmissive Zone Well

— · — Site Boundary

⊠ First/Second Transmissive Zone Well

□ Third Transmissive Zone Well

Ⓐ 2B Transmissive Zone Monitoring Well

△ Second Transmissive Zone Well

⊠ Extraction Well

◎ Intermediate Zone Well

● First Transmissive Zone Piezometer

▲ Second Transmissive Zone Piezometer

■ First/Second Transmissive Zone Piezometer

✦ Well Point

⊙ City of Sunnyvale Landfill
First Transmissive Zone Well

🟨 Wells to be sampled for NO_3

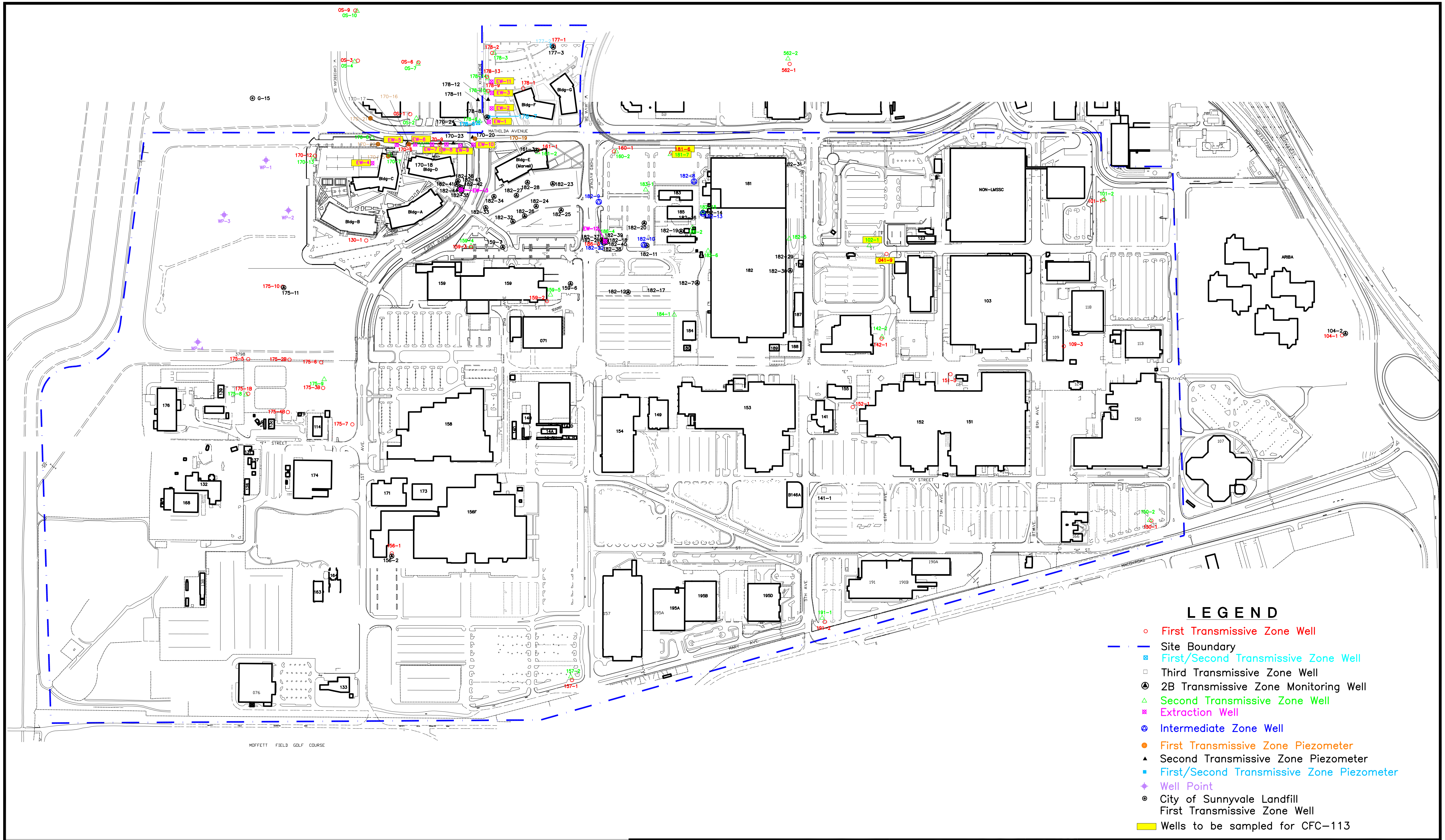
	BY	DATE
DRAWN	DBB	8/20/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 3
WELLS SAMPLED FOR NO_3
LMSSC PLANT ONE SITE
SUNNYVALE, CALIFORNIA

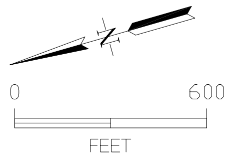
SCALE: 1" = 600'

DWG. NO.: 2415-0071



L E G E N D

- ○ First Transmissive Zone Well
- — · — Site Boundary
- ⊠ First/Second Transmissive Zone Well
- □ Third Transmissive Zone Well
- Ⓐ 2B Transmissive Zone Monitoring Well
- △ Second Transmissive Zone Well
- ⊠ Extraction Well
- ◎ Intermediate Zone Well
- ● First Transmissive Zone Piezometer
- ▲ Second Transmissive Zone Piezometer
- ■ First/Second Transmissive Zone Piezometer
- ✦ Well Point
- ⊙ City of Sunnyvale Landfill First Transmissive Zone Well
- 🟨 Wells to be sampled for CFC-113



	BY	DATE
DRAWN	DBB	8/20/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

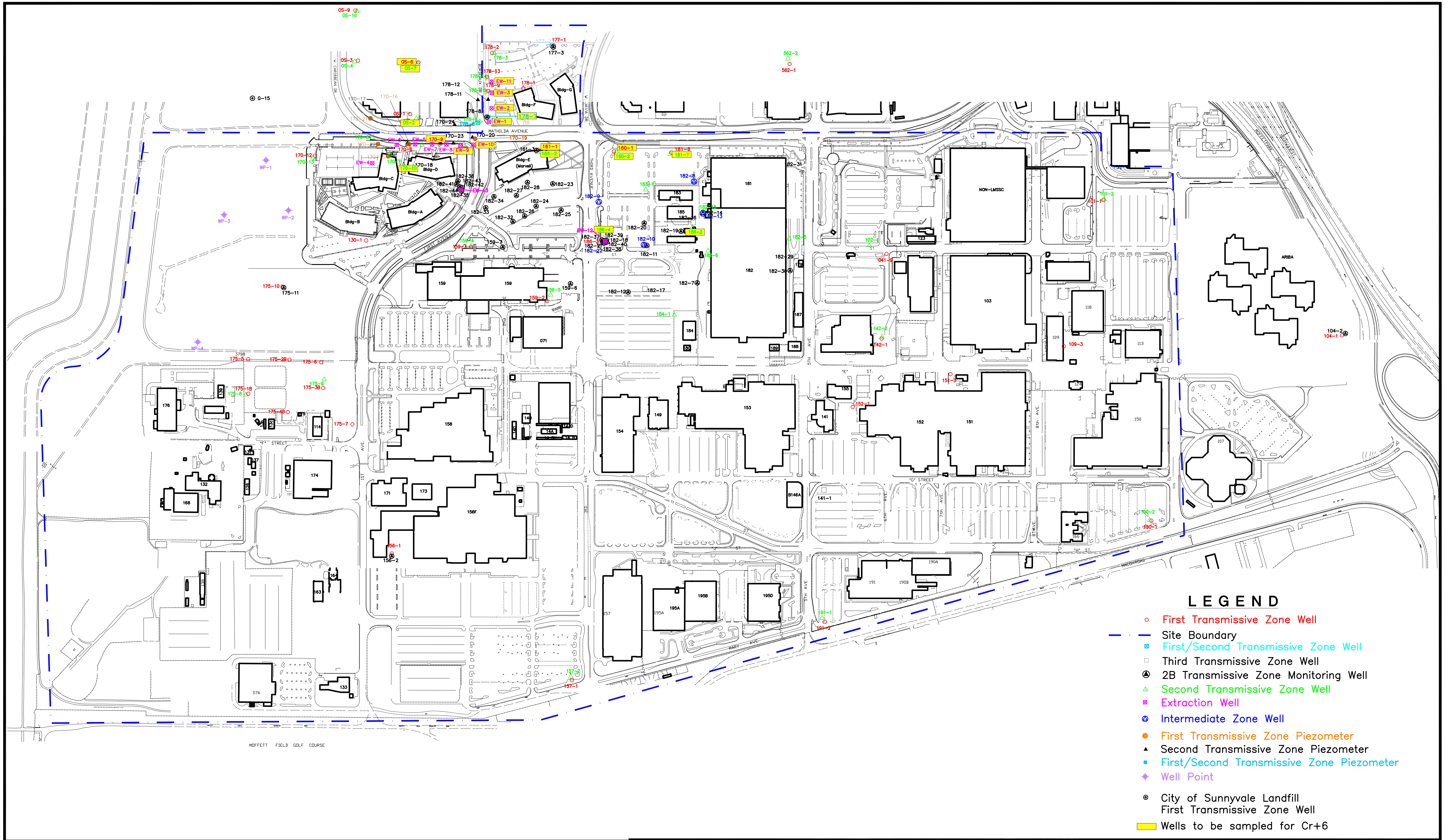
CAMERON-COLE

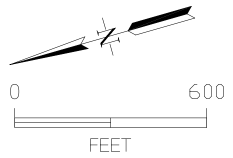
FIGURE 4

WELLS SAMPLED FOR CFC-113
LMSSC PLANT ONE SITE
SUNNYVALE, CALIFORNIA

SCALE: 1" = 600'

DWG. NO.: 2415-0069





L E G E N D

○ First Transmissive Zone Well

▬ · ▬ Site Boundary

⊠ First/Second Transmissive Zone Well

□ Third Transmissive Zone Well

Ⓐ 2B Transmissive Zone Monitoring Well

△ Second Transmissive Zone Well

⊠ Extraction Well

Ⓐ Intermediate Zone Well

● First Transmissive Zone Piezometer

▲ Second Transmissive Zone Piezometer

■ First/Second Transmissive Zone Piezometer

✦ Well Point

⊙ City of Sunnyvale Landfill
First Transmissive Zone Well

▬ Wells to be sampled for Cr+6

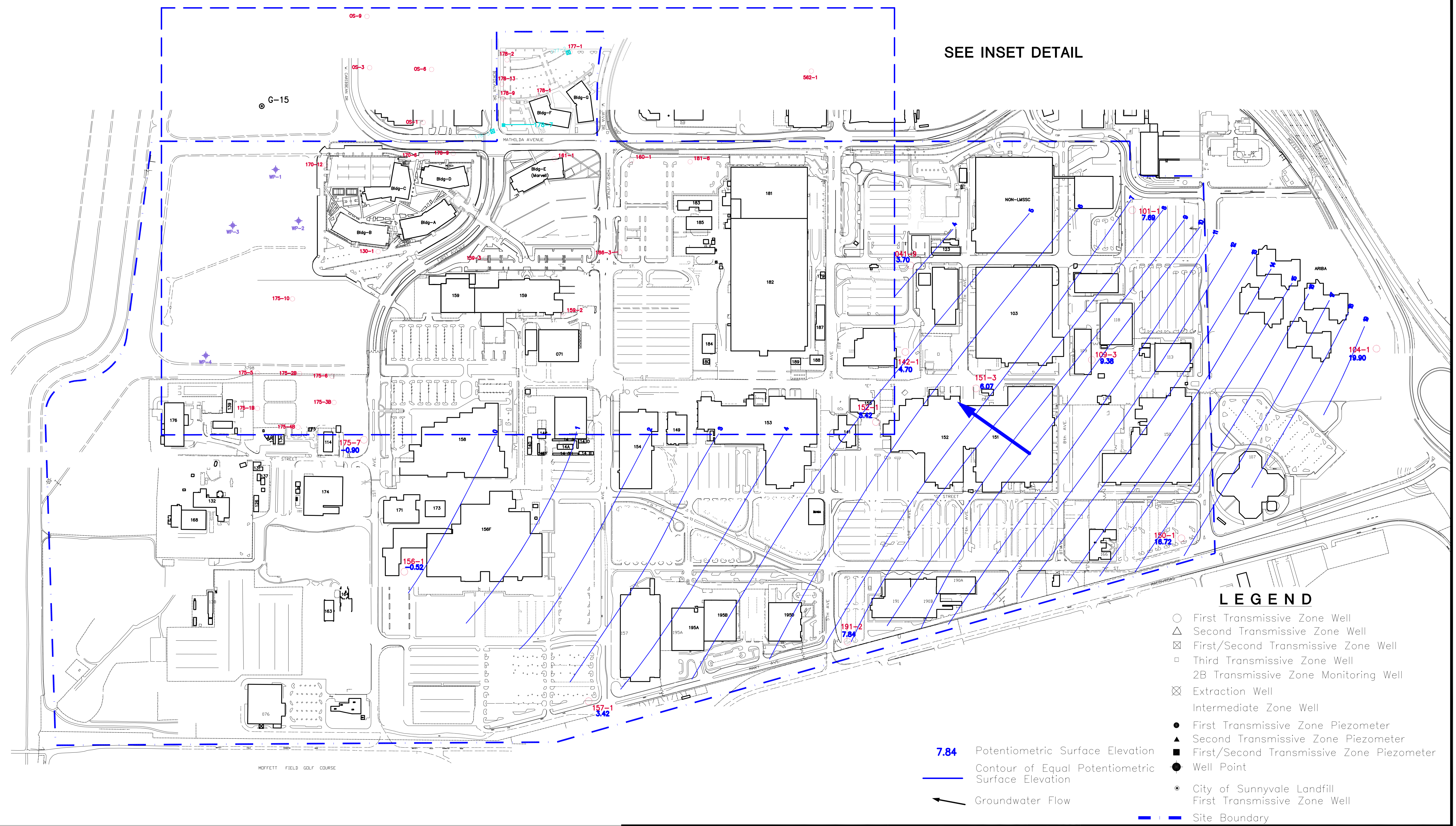
	BY	DATE
DRAWN	DBB	8/20/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 5
WELLS SAMPLED FOR Cr+6
LMSSC PLANT ONE SITE
SUNNYVALE, CALIFORNIA

SCALE: 1" = 600'

DWG. NO.: 2415-0070



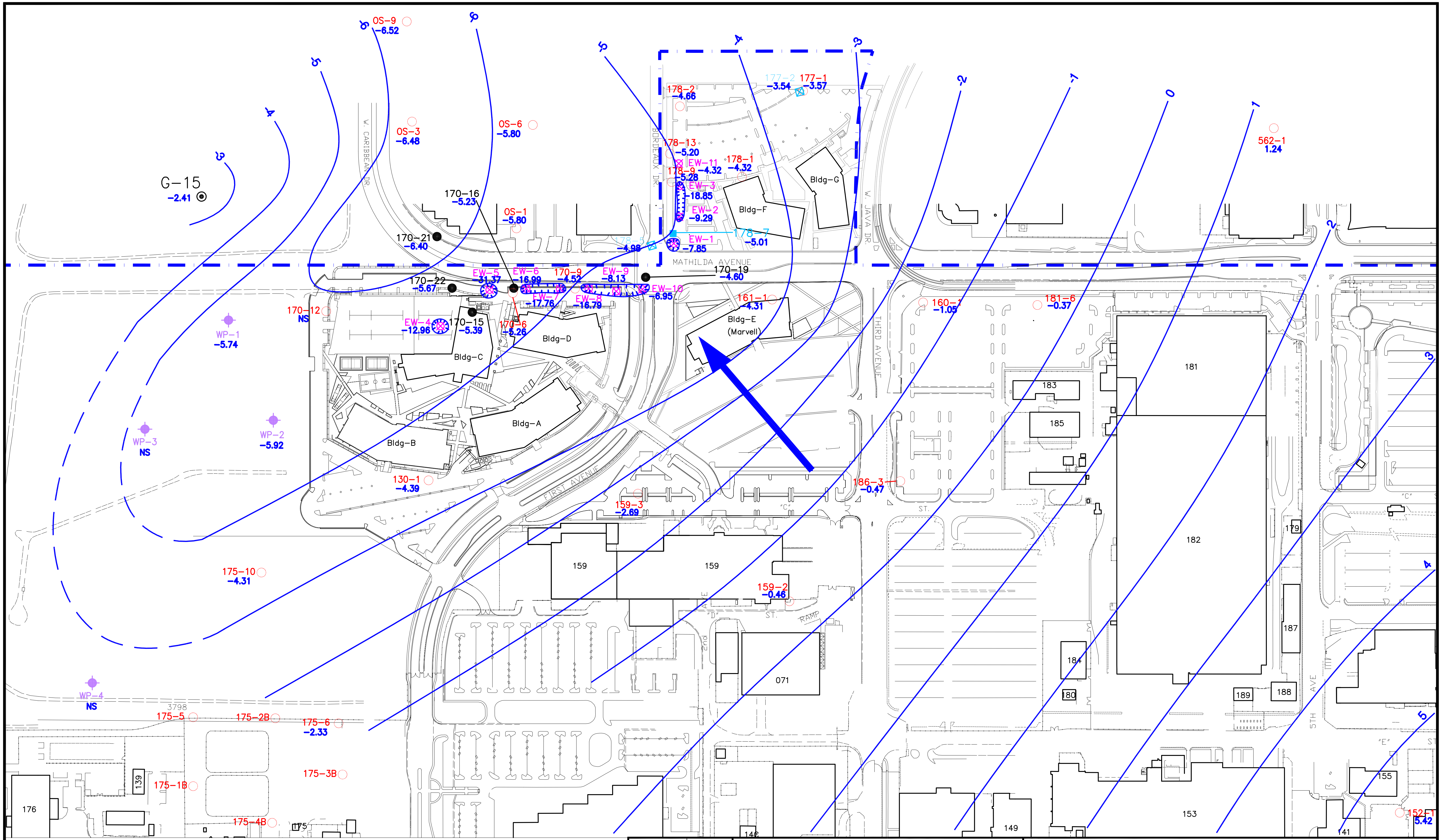
0 600
FEET

	BY	DATE
DRAWN	SPS	6/10/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 6
LMSSC PLANT ONE SITE
POTENTIOMETRIC SURFACE ELEVATION CONTOURS
FIRST TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 600'
DWG. NO.: 2415-0063



LEGEND

○ 1ST TRANSMISSIVE ZONE WELL **1.52** POTENTIOMETRIC SURFACE ELEVATION

PROPERTY LINE

CONTOUR OF EQUAL POTENTIOMETRIC SURFACE ELEVATION

GROUNDWATER FLOW

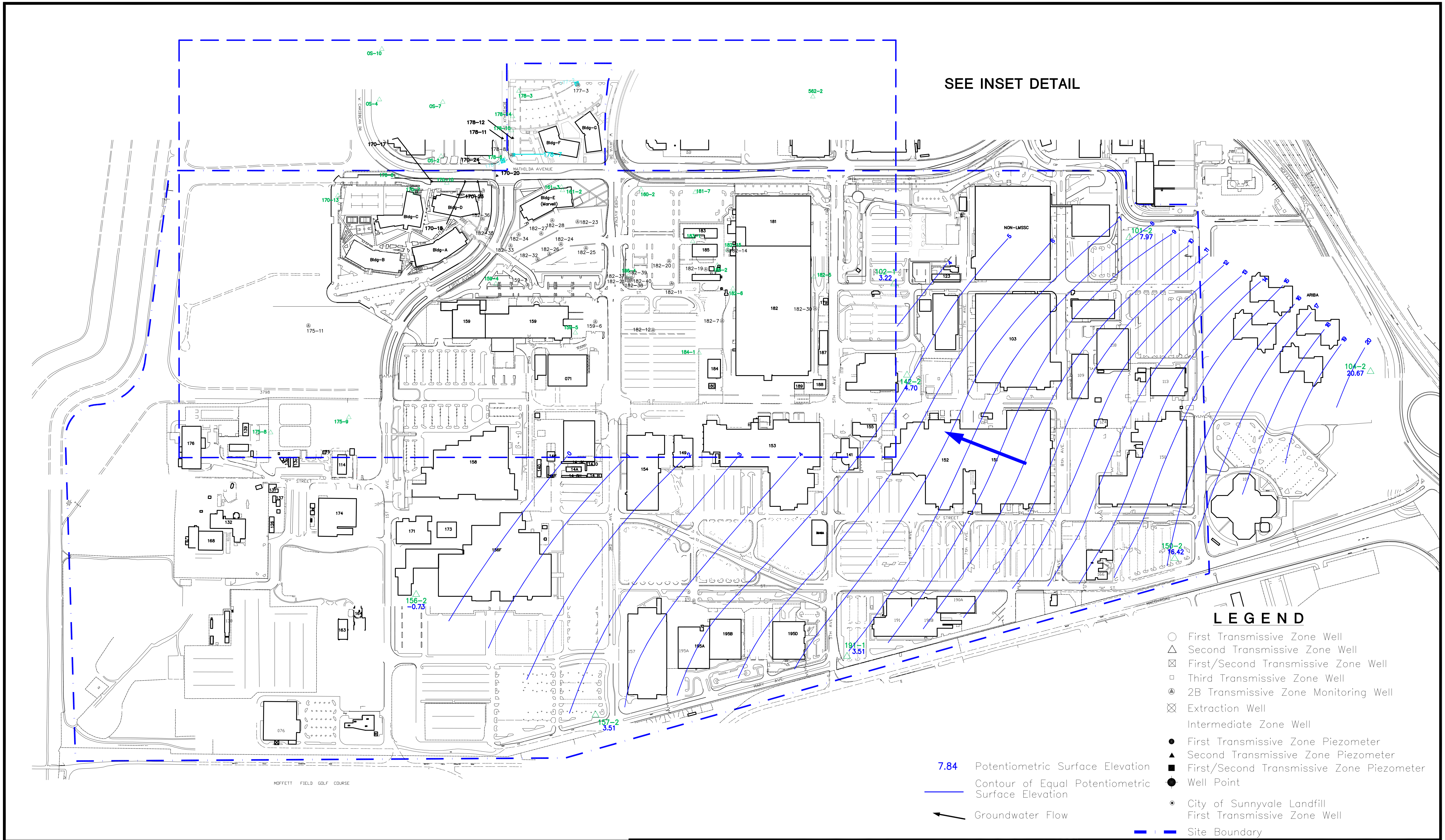
	BY	DATE
DRAWN	SPS	6/9/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 7
LMSSC PLANT ONE SITE
POTENTIOMETRIC SURFACE ELEVATION CONTOURS
FIRST TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 300'

DWG. NO.: 2415-0064



LEGEND

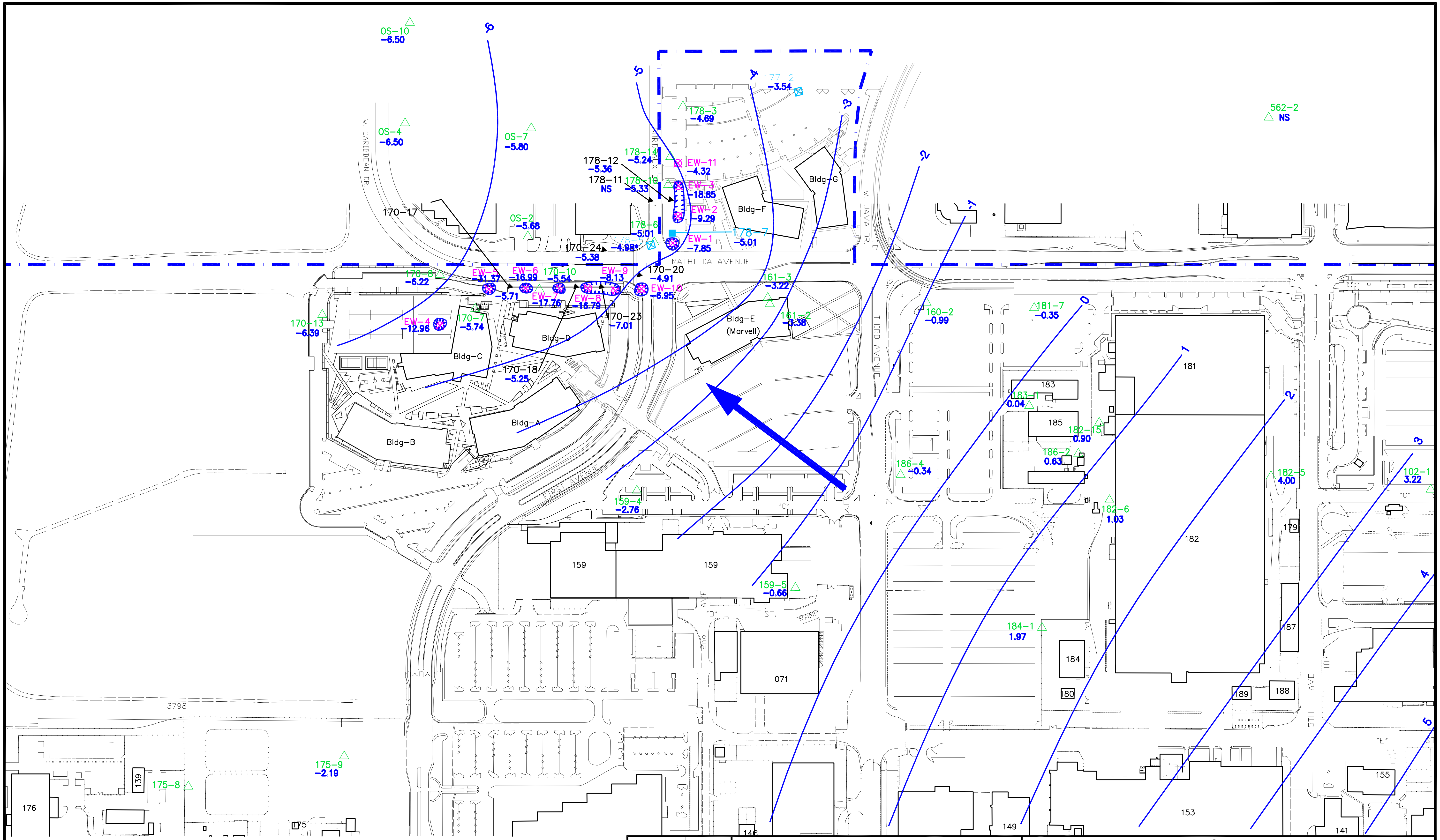
- ○ First Transmissive Zone Well
- △ Second Transmissive Zone Well
- ☒ First/Second Transmissive Zone Well
- ▫ Third Transmissive Zone Well
- 2B Transmissive Zone Monitoring Well
- Extraction Well
- Intermediate Zone Well
- ● First Transmissive Zone Piezometer
- ▲ Second Transmissive Zone Piezometer
- ■ First/Second Transmissive Zone Piezometer
- Well Point
- City of Sunnyvale Landfill First Transmissive Zone Well
- Site Boundary
- 7.84 Potentiometric Surface Elevation
- Contour of Equal Potentiometric Surface Elevation
- Groundwater Flow

	BY	DATE
DRAWN	SPS	6/10/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 8
LMSSC PLANT ONE SITE
POTENTIOMETRIC SURFACE ELEVATION CONTOURS
SECOND TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 600'
DWG. NO.: 2415-0063



LEGEND

△ 2ND TRANSMISSIVE ZONE WELL **1.52** POTENTIOMETRIC SURFACE ELEVATION

— · — PROPERTY LINE

CONTOUR OF EQUAL POTENTIOMETRIC SURFACE ELEVATION

GROUNDWATER FLOW

	BY	DATE
DRAWN	SPS	6/9/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 9

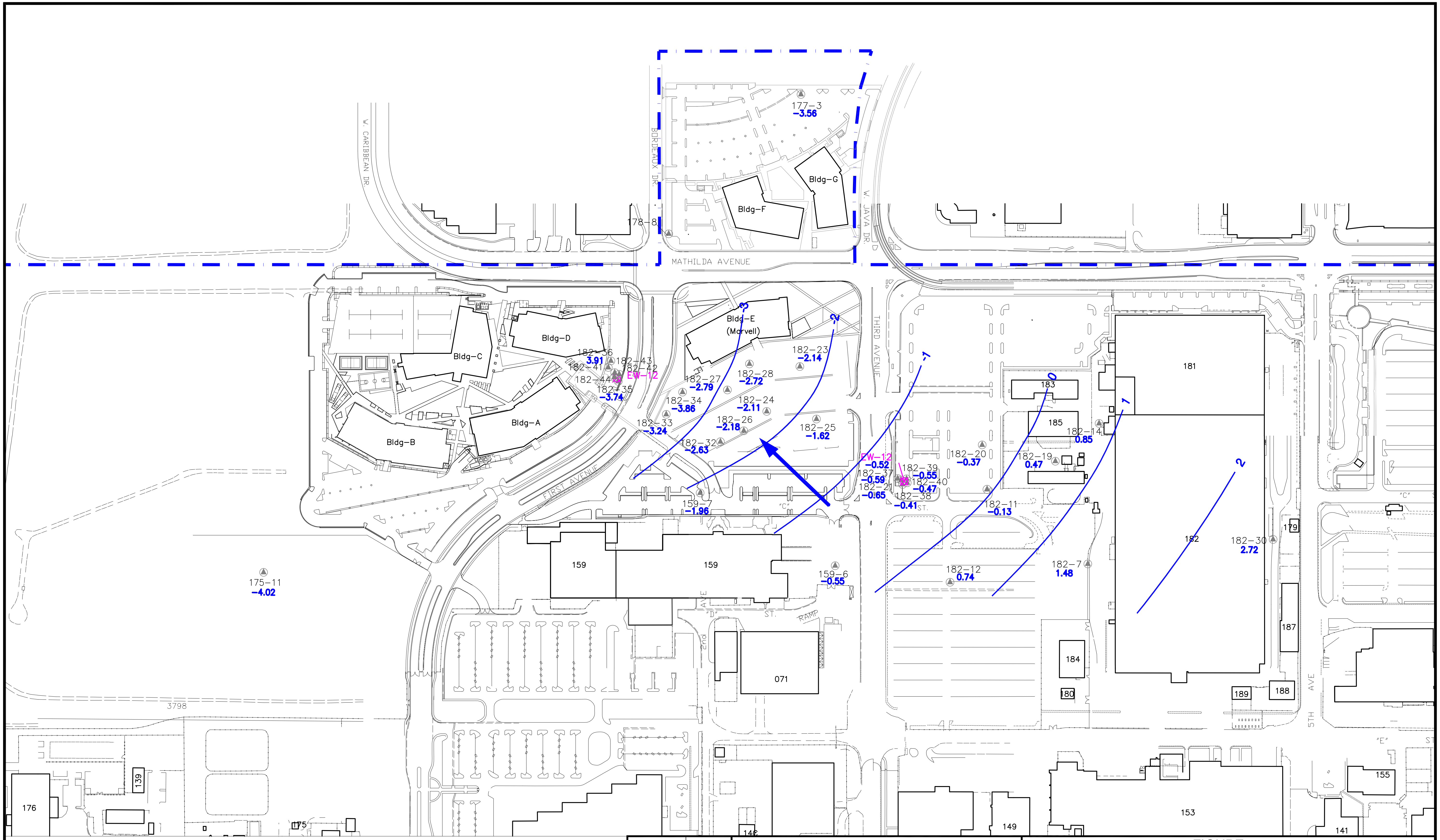
LMSSC PLANT ONE SITE

POTENTIOMETRIC SURFACE ELEVATION CONTOURS

SECOND TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 300'

DWG. NO.: 2415-0064



LEGEND

- ▲ 2B TRANSMISSIVE ZONE WELL
- 1.52 POTENTIOMETRIC SURFACE ELEVATION
- — · — PROPERTY LINE
- —— CONTOUR OF EQUAL POTENTIOMETRIC SURFACE ELEVATION
- ← GROUNDWATER FLOW

0 300
FEET

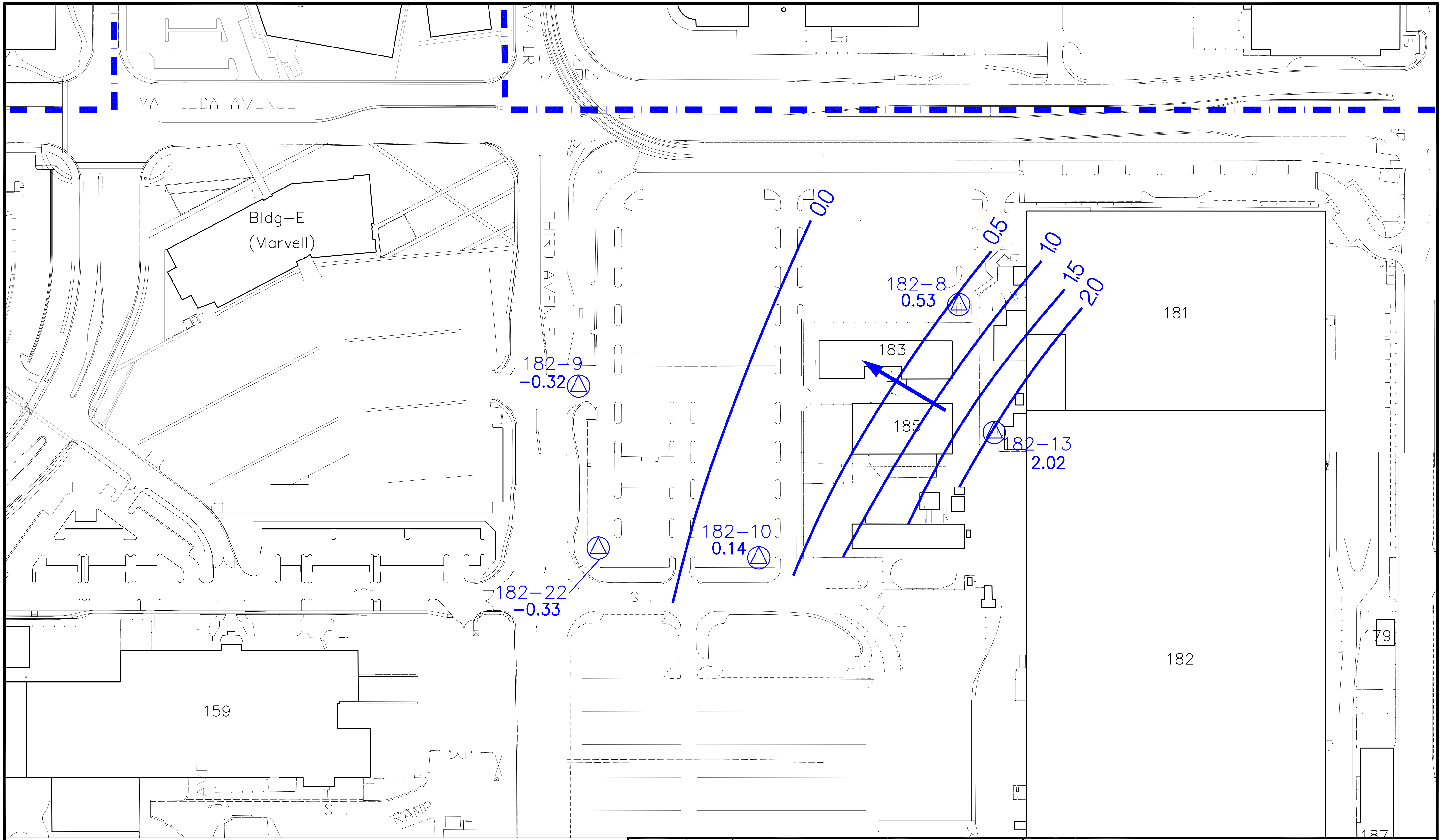
	BY	DATE
DRAWN	SPS	6/9/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 10
LMSSC PLANT ONE SITE
POTENTIOMETRIC SURFACE ELEVATION CONTOURS
2B TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 300'

DWG. NO.: 2415-0064



LEGEND

△ INTERMEDIATE TRANSMISSIVE ZONE WELL

1.52 POTENTIOMETRIC SURFACE ELEVATION

CONTOUR OF EQUAL POTENTIOMETRIC SURFACE ELEVATION

GROUNDWATER FLOW

PROPERTY LINE

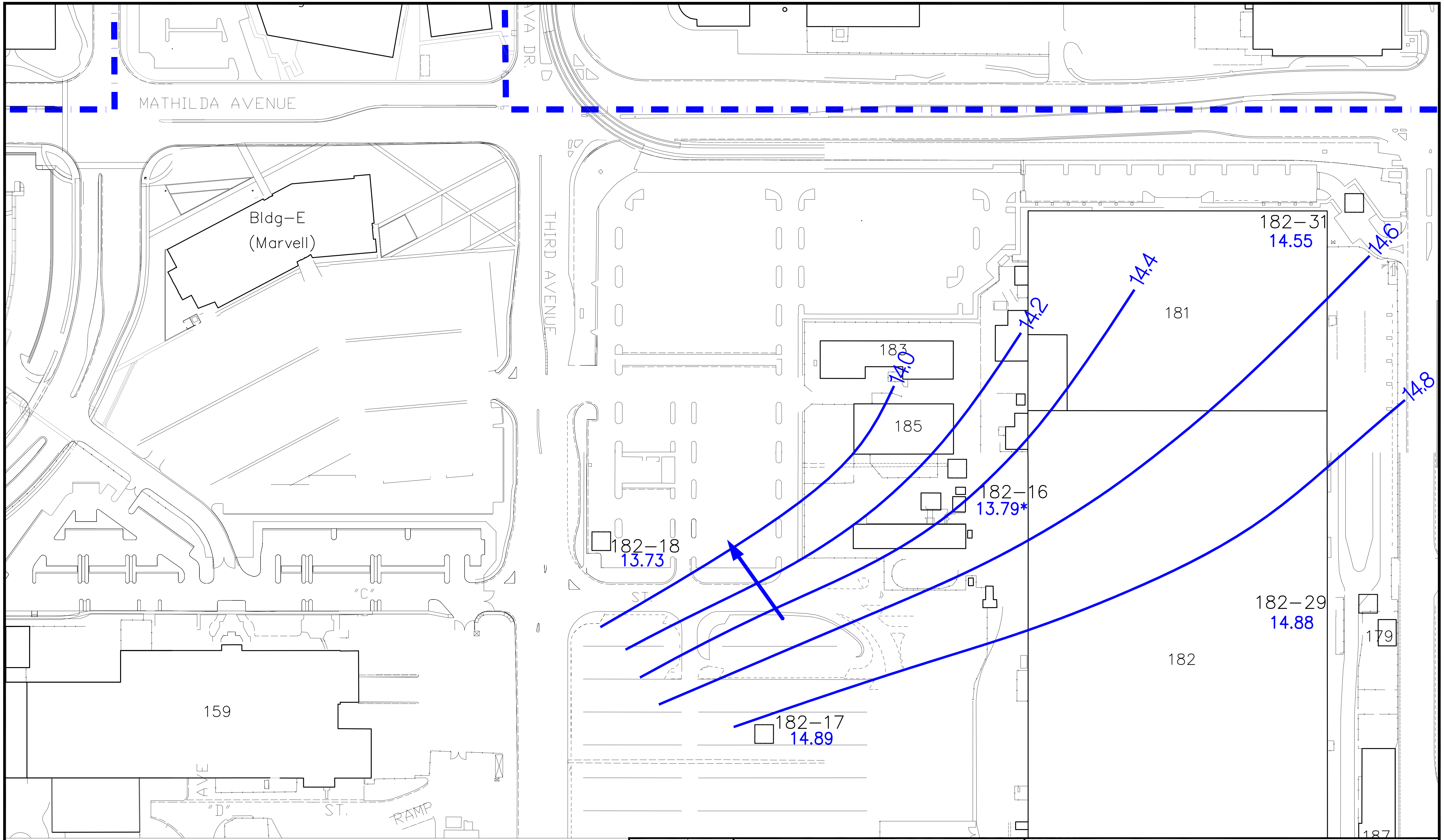
	BY	DATE
DRAWN	SPS	6/9/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 11
LMSSC PLANT ONE SITE
POTENTIOMETRIC SURFACE ELEVATION CONTOURS
INTERMEDIATE TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 150'

DWG. NO.: 2415-0064



LEGEND

☐ 3RD TRANSMISSIVE ZONE WELL
— · — PROPERTY LINE
1.52 POTENTIOMETRIC SURFACE ELEVATION
—— CONTOUR OF EQUAL POTENTIOMETRIC SURFACE ELEVATION
← GROUNDWATER FLOW

N

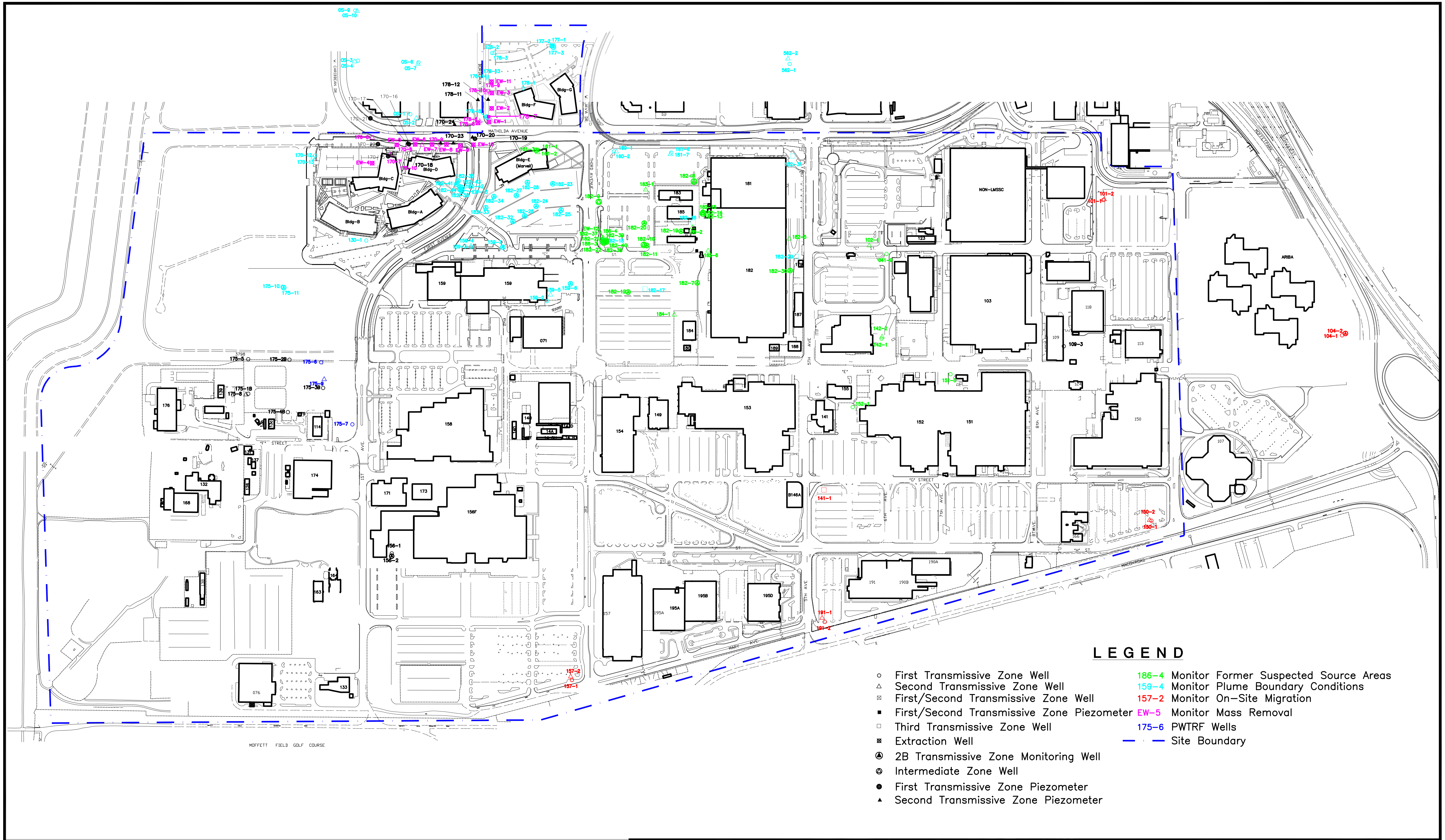
0 150
FEET

	BY	DATE
DRAWN	DBB	8/15/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 12
LMSSC PLANT ONE SITE
POTENTIOMETRIC SURFACE ELEVATION CONTOURS
THIRD TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 150'
DWG. NO.: 2415-0067



LEGEND

- ○ First Transmissive Zone Well
- △ Second Transmissive Zone Well
- ☒ First/Second Transmissive Zone Well
- ■ First/Second Transmissive Zone Piezometer
- □ Third Transmissive Zone Well
- ☒ Extraction Well
- Ⓐ 2B Transmissive Zone Monitoring Well
- ⊘ Intermediate Zone Well
- ● First Transmissive Zone Piezometer
- ▲ Second Transmissive Zone Piezometer

186-4	Monitor Former Suspected Source Areas
159-4	Monitor Plume Boundary Conditions
157-2	Monitor On-Site Migration
EW-5	Monitor Mass Removal
175-6	PWTRF Wells
— · —	Site Boundary

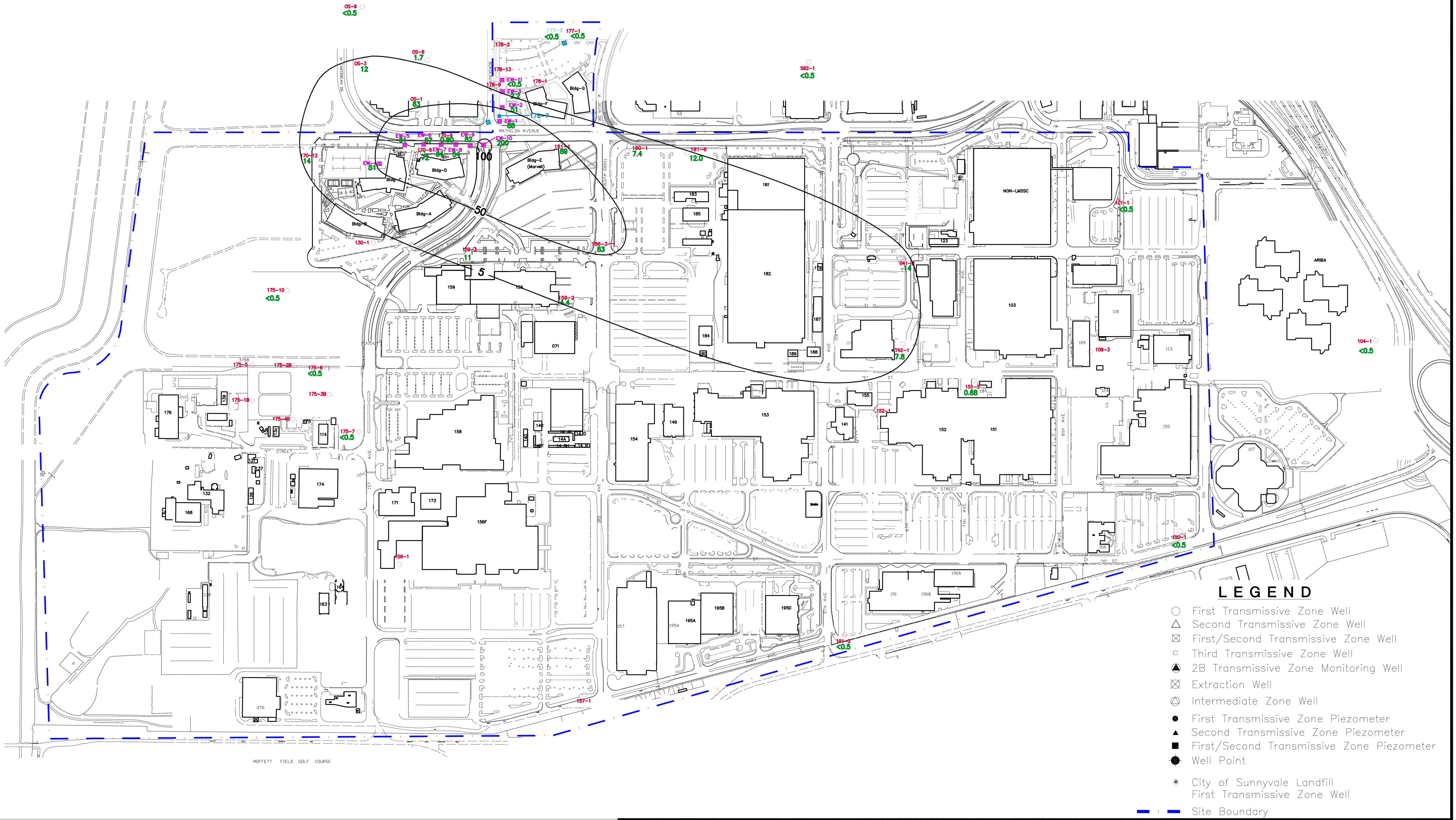
0 600
FEET

	BY	DATE
DRAWN	DBB	8/20/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 13
MONITORING WELL FUNCTIONAL GROUPS
LMSSC PLANT ONE SITE
SUNNYVALE, CALIFORNIA

SCALE: 1" = 600'
DWG. NO.: 2415-0072



0 600
FEET

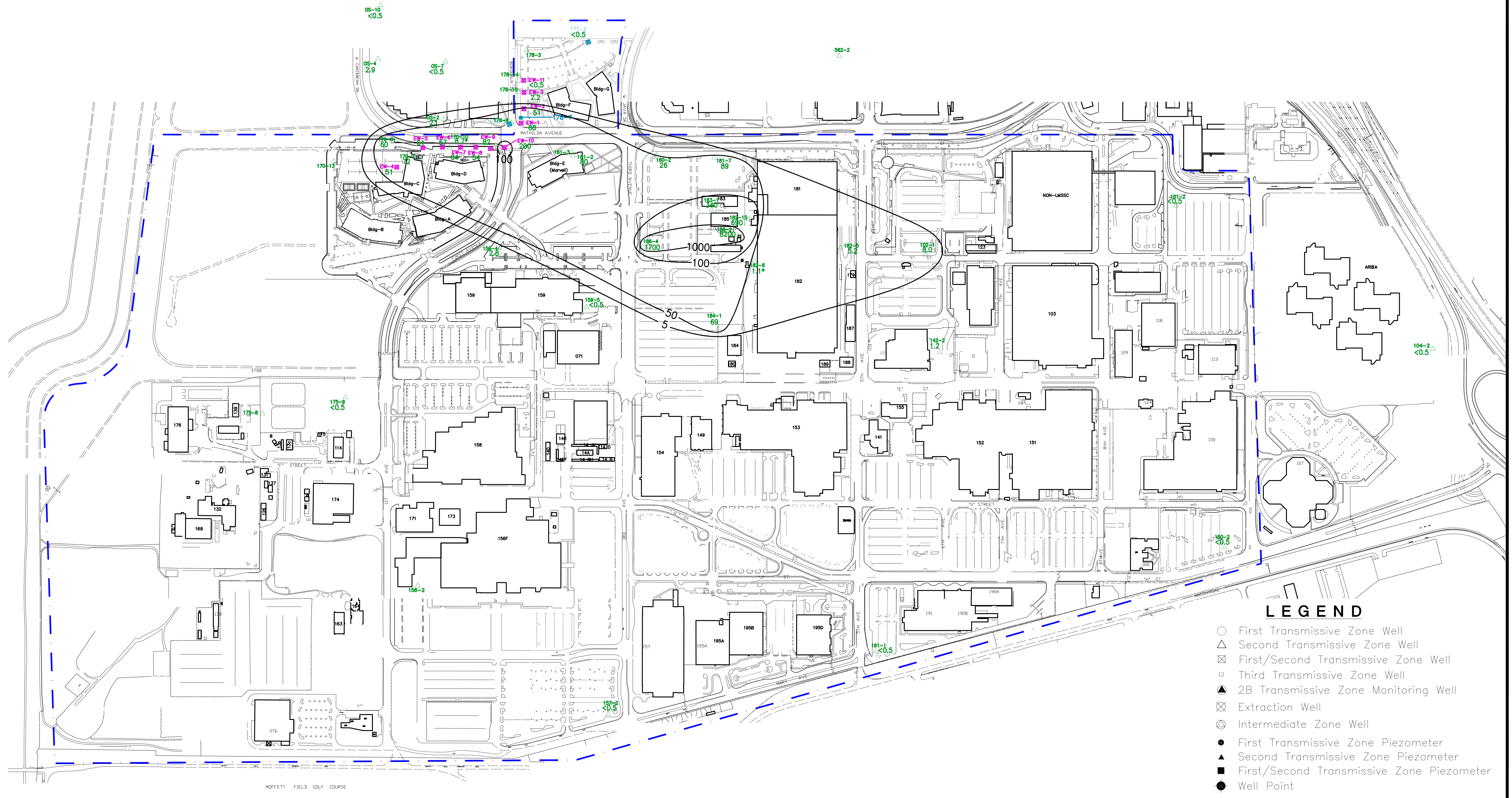
	BY	DATE
DRAWN	SPS	6/22/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 14
LMSSC PLANT ONE SITE
TCE ISOCONCENTRATIONS
FIRST TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 600'

DWG. NO.: 2415-0068



LEGEND

- ○ First Transmissive Zone Well
- △ Second Transmissive Zone Well
- ☒ First/Second Transmissive Zone Well
- ▫ Third Transmissive Zone Well
- ▲ 2B Transmissive Zone Monitoring Well
- ☒ Extraction Well
- △ Intermediate Zone Well
- ● First Transmissive Zone Piezometer
- ▲ Second Transmissive Zone Piezometer
- ■ First/Second Transmissive Zone Piezometer
- ● Well Point
- ⊙ City of Sunnyvale Landfill First Transmissive Zone Well
- ▬ · ▬ Site Boundary

	BY	DATE
DRAWN	SPS	6/23/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

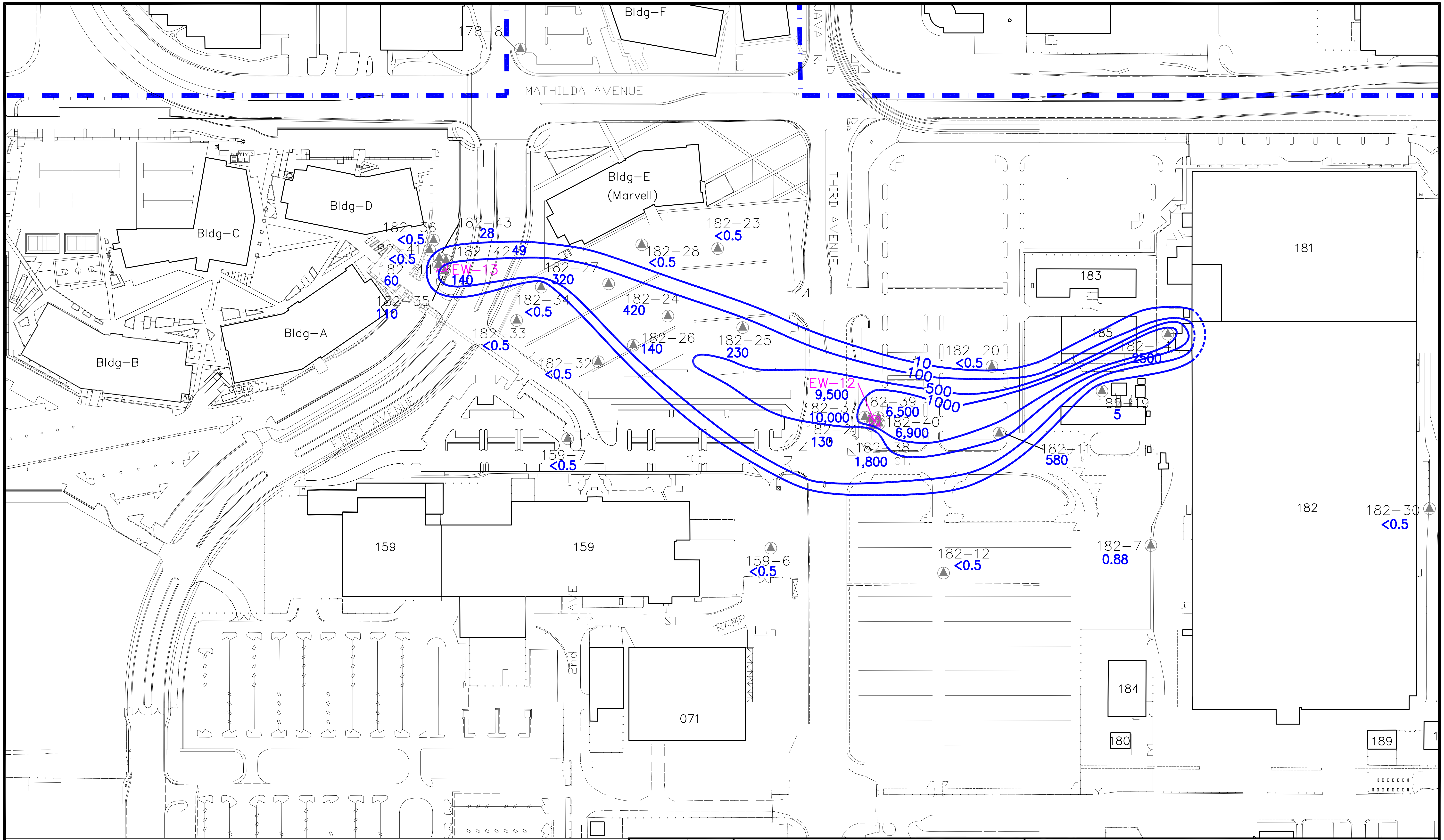
CAMERON-COLE

FIGURE 15

LMSSC PLANT ONE SITE
TCE ISOCONCENTRATIONS
SECOND TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 600'

DWG. NO.: 2415-0068



LEGEND

- ▲ 2B TRANSMISSIVE ZONE WELL
- **<0.5** TCE CONCENTRATION (parts per billion)
- TCE ISOCONCENTRATION CONTOUR
- PROPERTY LINE
- GROUNDWATER FLOW

0 200
FEET

	BY	DATE
DRAWN	SPS	8/30/05
CHECKED		
APPROVED		
APPROVED		
APPROVED		

CAMERON-COLE

FIGURE 16
LMSSC PLANT ONE SITE
TCE ISOCONCENTRATION MAP
2B TRANSMISSIVE ZONE - APRIL 2005

SCALE: 1" = 200'
DWG. NO.: 2415-0066

FIGURE 17
QUARTERLY VOC AND HEXAVALENT CHROMIUM MASS REMOVAL
LMSSC PLANT ONE SITE

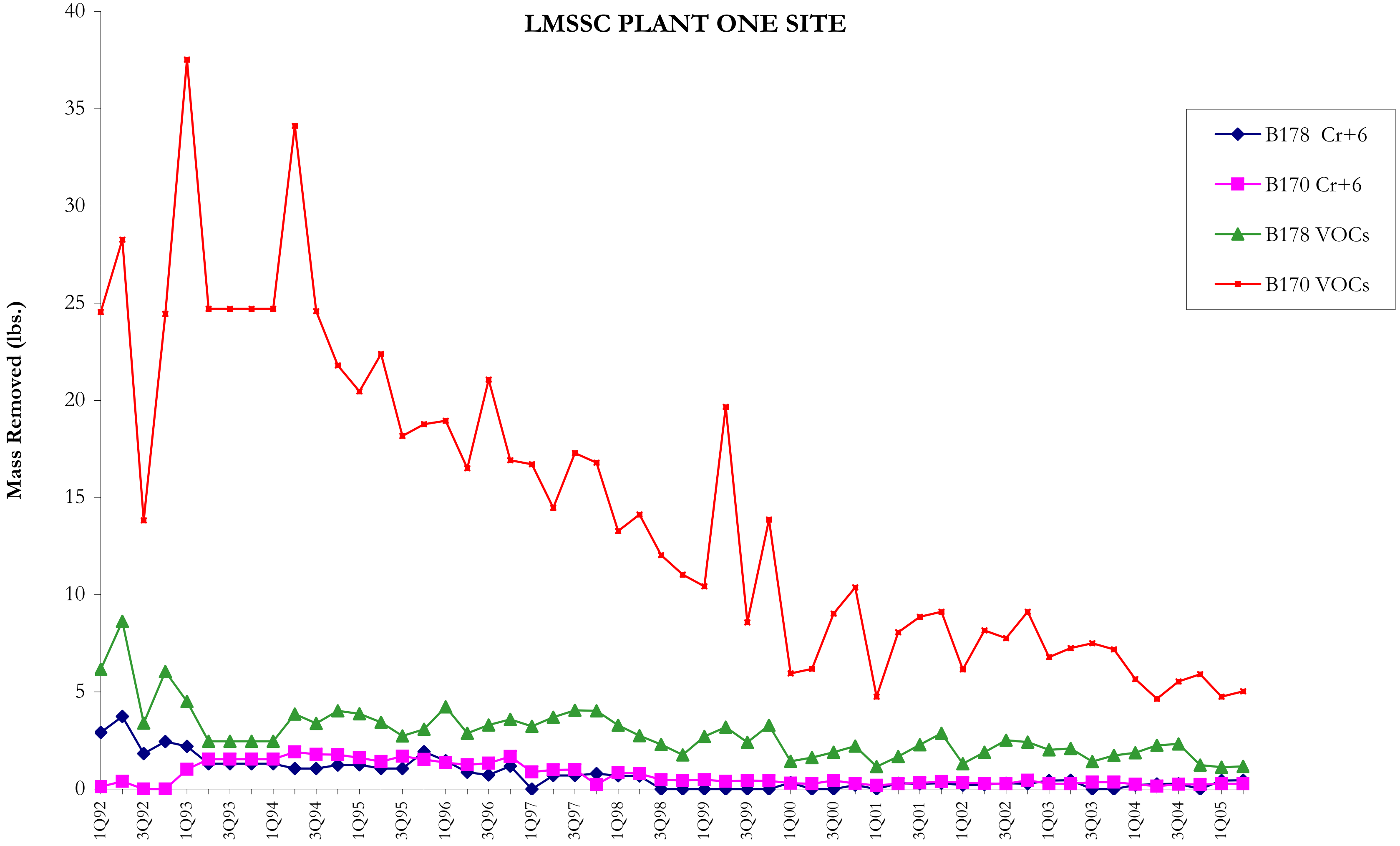
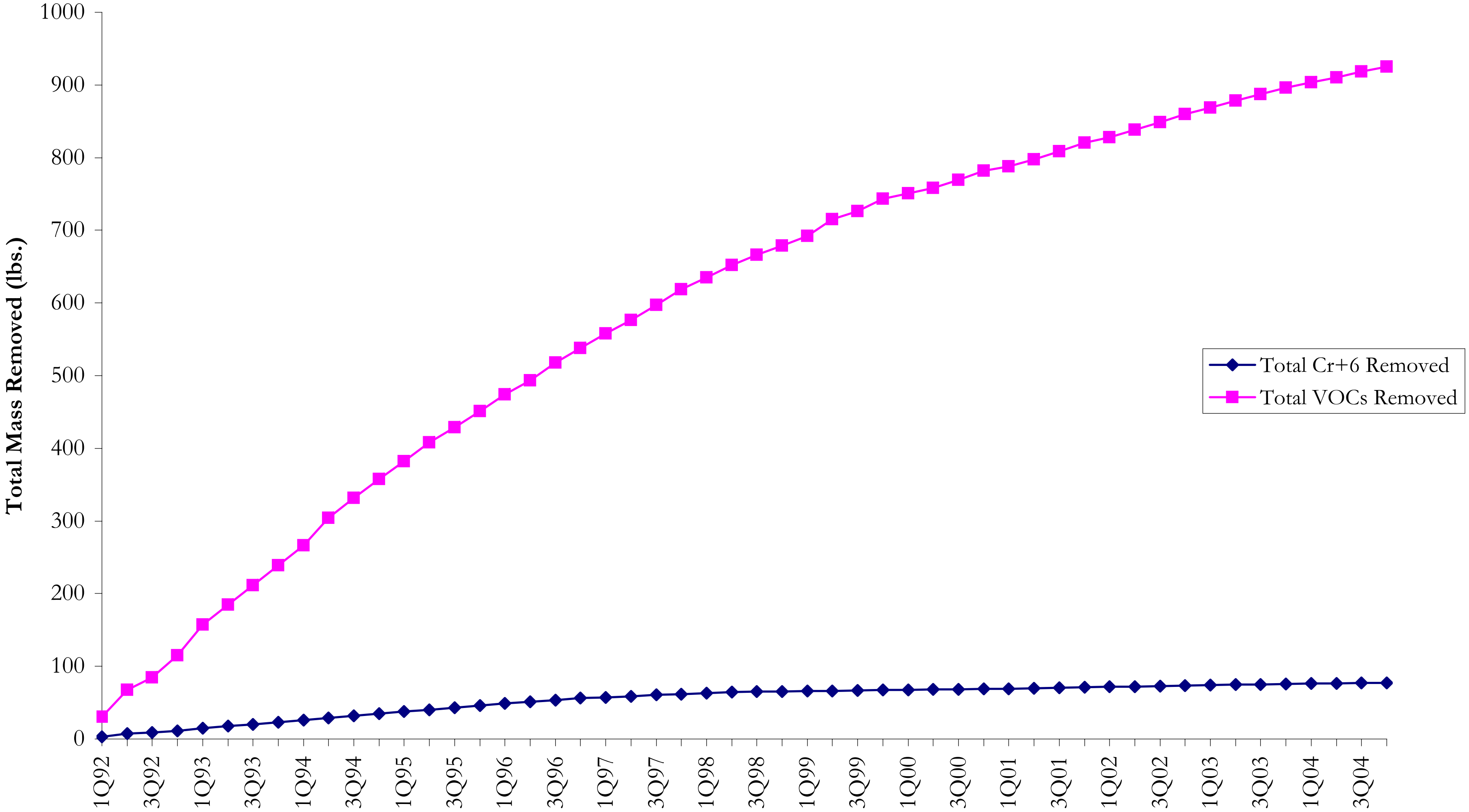


FIGURE 18
CUMULATIVE MASS REMOVAL OF VOCs
AND HEXAVALENT CHROMIUM
LMSSC PLANT ONE SITE



TABLES

TABLE 1
GROUNDWATER MONITORING SCHEDULE SELF MONITORING PROGRAM
LMSSC PLANT ONE SITE

	HISTORIC MONITORING FREQUENCY								REVISED MONITORING FREQUENCY						
WELL OR LOCATION	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE	WELL OR LOCATION	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE
T1								**T1**							
041-9	SA-1,3	SA-1,3	SA-1,3	SA-1,3	SA-1,3			041-9	SA-2,4	A-2	5A-2	A-2			
101-1	SA-1,3	SA-1,3		SA-1,3				101-1	SA-2,4	A-2		A-2			
104-1	SA-1,3	SA-1,3		SA-1,3				104-1	SA-2,4	A-2		A-2			
109-3	A-3						A-3	109-3							
130-1	SA-1,3	SA-1,3						130-1	SA-2,4						
142-1	SA-1,3	SA-1,3	SA-1,3	SA-1,3	SA-1,3			142-1	SA-2,4	A-2		A-2			
150-1	SA-1,3	SA-1,3		SA-1,3				150-1	SA-2,4	A-2		A-2			
151-3	SA-1,3	SA-1,3		SA-1,3				151-3	SA-2,4	A-2		A-2			
152-1	SA-1,3	SA-1,3						152-1	SA-2,4						
156-1	SA-1,3							156-1	SA-2,4						
157-1	SA-1,3	SA-1,3		SA-1,3				157-1	SA-2,4	A-2		A-2			
159-2	SA-1,3	SA-1,3						159-2	SA-2,4	A-2		A-2			
159-3	SA-1,3	SA-1,3		SA-1,3				159-3	SA-2,4	A-2		A-2			
160-1	SA-1,3	SA-1,3			SA-1,3			160-1	SA-2,4	A-2		A-2	A-2		
161-01	SA-1,3	SA-1,3			SA-1,3	SA-1,3	A-3	161-01	SA-2,4	Q		Q	A-2	5A-2	
170-6	SA-1,3	SA-1,3						170-6	SA-2,4	A-2		A-2			
170-9	SA-1,3	SA-1,3			SA-1,3	SA-1,3		170-9	SA-2,4	A-2		A-2	5A-2		
170-12	SA-1,3	SA-1,3		SA-1,3				170-12	SA-2,4	A-2		A-2			
170-15	SA-1,3							170-15	SA-2,4						
170-16	SA-1,3							170-16	SA-2,4						

TABLE 1
GROUNDWATER MONITORING SCHEDULE SELF MONITORING PROGRAM
LMSSC PLANT ONE SITE

WELL OR LOCATION	HISTORIC MONITORING FREQUENCY							WELL OR LOCATION	REVISED MONITORING FREQUENCY						
	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE		HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE
170-19	SA-1,3							170-19	SA-2,4						
170-21	SA-1,3							170-21	SA-2,4						
170-22	SA-1,3							170-22	SA-2,4						
175-6	SA-1,3	SA-1,3	SA-1,3					175-6	SA-2,4	Q		Q			
175-7	SA-1,3	SA-1,3	SA-1,3					175-7	SA-2,4	Q		Q			
175-10	SA-1,3	SA-1,3						175-10	SA-2,4	A-2		A-2			
177-1	SA-1,3	SA-1,3		SA-1,3				177-1	SA-2,4	A-2		A-2			
178-1	SA-1,3	SA-1,3			SA-1,3			178-1	SA-2,4						
178-2	SA-1,3							178-2	SA-2,4						
178-9	SA-1,3	SA-1,3						178-9	SA-2,4						
178-13	SA-1,3							178-13	SA-2,4						
181-6	SA-1,3	SA-1,3	SA-1,3	SA-1,3	SA-1,3			181-6	SA-2,4	A-2	5A-2	A-2			
186-3	SA-1,3	SA-1,3			SA-1,3			186-3	SA-2,4	Q		Q			
191-2	SA-1,3	SA-1,3		SA-1,3				191-2	SA-2,4	A-2		A-2			
562-1	SA-1,3	SA-1,3		SA-1,3				562-1	SA-2,4	A-2		A-2			
OS-1	SA-1,3	SA-1,3				SA-1,3		OS-1	SA-2,4	A-2		A-2		5A-2	
OS-3	SA-1,3	SA-1,3		SA-1,3		SA-1,3		OS-3	SA-2,4	A-2		A-2			
OS-6	SA-1,3	SA-1,3			SA-1,3			OS-6	SA-2,4	A-2		A-2	5A-2		
OS-9	SA-1,3	SA-1,3		SA-1,3				OS-9	SA-2,4	A-2		A-2			
G-15	SA-1,3	SA-1,3			SA-1,3			G-15	SA-2,4						

TABLE 1
GROUNDWATER MONITORING SCHEDULE SELF MONITORING PROGRAM
LMSSC PLANT ONE SITE

WELL OR LOCATION	HISTORIC MONITORING FREQUENCY							WELL OR LOCATION	REVISED MONITORING FREQUENCY						
	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE		HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE
WP-1	SA-1,3							WP-1	SA-2,4						
WP-2	SA-1,3							WP-2	SA-2,4						
WP-3	SA-1,3							WP-3	SA-2,4						
WP-4	SA-1,3							WP-4	SA-2,4						
T2															
101-2	SA-1,3	SA-1,3		SA-1,3				101-2	SA-2,4	A-2		A-2			
102-1	SA-1,3	SA-1,3	SA-1,3	SA-1,3			A-3	102-1	SA-2,4	A-2	A-2	A-2			
142-2	SA-1,3	SA-1,3	SA-1,3	SA-1,3				142-2	SA-2,4	A-2		A-2			
150-2	SA-1,3	SA-1,3						150-2	SA-2,4	A-2		A-2			
157-2	SA-1,3	SA-1,3		SA-1,3				157-2	SA-2,4	A-2		A-2			
159-4	SA-1,3	SA-1,3		SA-1,3				159-4	SA-2,4	A-2		A-2			
								159-5	SA-2,4	Q		Q			
160-2	SA-1,3	SA-1,3			SA-1,3			160-2	SA-2,4	A-2		A-2	A-2		
161-2	SA-1,3	SA-1,3			SA-1,3	SA-1,3	A-3	161-2	SA-2,4	Q		Q	Q	5A-2	
170-7	SA-1,3	SA-1,3						170-7	SA-2,4	A-2		A-2			
170-8	SA-1,3	SA-1,3						170-8	SA-2,4	A-2		A-2			
170-10	SA-1,3	SA-1,3			SA-1,3	SA-1,3		170-10	SA-2,4	A-2		A-2	A-2		
170-13	SA-1,3	SA-1,3		SA-1,3				170-13	SA-2,4						
170-17	SA-1,3							170-17	SA-2,4						
170-18	SA-1,3							170-18	SA-2,4						
170-20	SA-1,3							170-20	SA-2,4						

TABLE 1
GROUNDWATER MONITORING SCHEDULE SELF MONITORING PROGRAM
LMSSC PLANT ONE SITE

WELL OR LOCATION	HISTORIC MONITORING FREQUENCY							WELL OR LOCATION	REVISED MONITORING FREQUENCY						
	HEAD	VOCs	CFC-113	TCFM	$Cr+^6$	NO_3	MtBE		HEAD	VOCs	CFC-113	TCFM	$Cr+^6$	NO_3	MtBE
170-23	SA-1,3							170-23	SA-2,4						
175-9	SA-1,3	SA-1,3	SA-1,3	SA-1,3				175-9	SA-2,4	A-2		A-2			
178-3	SA-1,3				SA-1,3			178-3	SA-2,4						
178-10	SA-1,3	SA-1,3						178-10	SA-2,4						
178-11	SA-1,3							178-11	SA-2,4						
178-12	SA-1,3							178-12	SA-2,4						
178-14	SA-1,3							178-14	SA-2,4						
181-7	SA-1,3	SA-1,3	SA-1,3	SA-1,3	SA-1,3			181-7	SA-2,4	A-2	5A-2	A-2	A-2		
								182-5	SA-2,4	Q		Q			
								182-6	SA-2,4	Q		Q			
								182-15	SA-2,4	Q		Q			
								183-1	SA-2,4	Q		Q			
								184-1	SA-2,4	Q		Q			
186-2	SA-1,3	SA-1,3	SA-1,3	SA-1,3	SA-1,3		A-3	186-2	SA-2,4	Q		Q	A-2		
186-4	SA-1,3	SA-1,3		SA-1,3	SA-1,3			186-4	SA-2,4	Q		Q	Q		
191-1	SA-1,3	SA-1,3		SA-1,3				191-1	SA-2,4	A-2		A-2			
562-2	SA-1,3	SA-1,3		SA-1,3				562-2	SA-2,4	A-2		A-2			
OS-2	SA-1,3	SA-1,3			SA-1,3	SA-1,3		OS-2	SA-2,4	A-2		A-2	A-2	5A-2	
OS-4	SA-1,3	SA-1,3		SA-1,3		SA-1,3		OS-4	SA-2,4	A-2		A-2			
OS-7	SA-1,3	SA-1,3			SA-1,3			OS-7	SA-2,4	A-2		A-2	A-2		
OS-10	SA-1,3	SA-1,3		SA-1,3				OS-10	SA-2,4	A-2		A-2			

TABLE 1
GROUNDWATER MONITORING SCHEDULE SELF MONITORING PROGRAM
LMSSC PLANT ONE SITE

	HISTORIC MONITORING FREQUENCY								REVISED MONITORING FREQUENCY						
WELL OR LOCATION	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE	WELL OR LOCATION	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE
T1/T2								**T1/T2**							
177-2	SA-1,3	SA-1,3		SA-1,3				177-2	SA-2,4	A-2		A-2			
178-5	SA-1,3	SA-1,3						178-5	SA-2,4						
178-7	SA-1,3				SA-1,3			178-7	SA-2,4				5A-2		
T2B								**T2B**							
104-2	SA-1,3	SA-1,3		SA-1,3				104-2	SA-2,4	A-2		A-2			
156-2	SA-1,3							156-2	SA-2,4						
								159-6	SA-2,4	Q		Q			
								159-7	SA-2,4	Q		Q			
161-3	SA-1,3	SA-1,3			SA-1,3			161-3	SA-2,4						
170-24	SA-1,3							170-24	SA-2,4						
175-11	SA-1,3	SA-1,3						175-11	SA-2,4	A-2		A-2			
177-3	SA-1,3							177-3	SA-2,4						
178-6	SA-1,3	SA-1,3						178-6	SA-2,4						
178-8	SA-1,3							178-8	SA-2,4						
								182-7	SA-2,4	Q		Q			
								182-14	SA-2,4	Q		Q			
								182-19	SA-2,4	Q		Q			
								182-20	SA-2,4	Q		Q			
								182-21	SA-2,4	Q		Q			
								182-23	SA-2,4	Q		Q			

TABLE 1
GROUNDWATER MONITORING SCHEDULE SELF MONITORING PROGRAM
LMSSC PLANT ONE SITE

	HISTORIC MONITORING FREQUENCY								REVISED MONITORING FREQUENCY						
WELL OR LOCATION	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE	WELL OR LOCATION	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE
								182-24	SA-2,4	Q		Q			
								182-25	SA-2,4	Q		Q			
								182-26	SA-2,4	Q		Q			
								182-27	SA-2,4	Q		Q			
								182-28	SA-2,4	Q		Q			
								182-30	SA-2,4	Q		Q			
								182-32	SA-2,4	Q		Q			
								182-33	SA-2,4	Q		Q			
								182-34	SA-2,4	Q		Q			
								182-35	SA-2,4	Q		Q			
								182-36	SA-2,4	Q		Q			
								182-37	SA-2,4	Q		Q			
								182-38	SA-2,4	Q		Q			
								182-39	SA-2,4	Q		Q			
								182-40	SA-2,4	Q		Q			
								EW-12	SA-2,4	Q		Q			
								EW-13	SA-2,4	Q		Q			
IZ								**IZ**							
								182-8	SA-2,4	Q		Q			
								182-9	SA-2,4	Q		Q			

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LMSSC PLANT ONE SITE

WELL OR LOCATION	HISTORIC MONITORING FREQUENCY							WELL OR LOCATION	REVISED MONITORING FREQUENCY						
	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE		HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE
								182-10	SA-2,4	Q		Q			
								182-11	SA-2,4	Q		Q			
								182-12	SA-2,4	Q		Q			
								182-13	SA-2,4	Q		Q			
								182-22	SA-2,4	Q		Q			
T3								**T3**							
141-1	SA-1,3	SA-1,3						141-1	SA-2,4						
								182-16	SA-2,4	Q		Q			
								182-17	SA-2,4	Q		Q			
								182-18	SA-2,4	Q		Q			
								182-29	SA-2,4	Q		Q			
								182-31	SA-2,4	Q		Q			
EW's								**EW's**							
EW-1	Q	Q	Q	Q	Q			EW-1	SA-2,4	SA-2,4	SA-2,4	SA-2,4	SA-2,4		
EW-2	Q	Q	Q	Q	Q			EW-2	SA-2,4	SA-2,4	SA-2,4	SA-2,4	SA-2,4		
EW-3	Q	Q	Q	Q	Q			EW-3	SA-2,4	SA-2,4	SA-2,4	SA-2,4	SA-2,4		
EW-4	Q	Q	Q	Q	Q			EW-4	SA-2,4	SA-2,4	SA-2,4	SA-2,4			
EW-5	Q	Q	Q	Q	Q			EW-5	SA-2,4	SA-2,4	SA-2,4	SA-2,4			
EW-6	Q	Q	Q	Q	Q			EW-6	SA-2,4	SA-2,4	SA-2,4	SA-2,4			
EW-7	Q	Q	Q	Q	Q			EW-7	SA-2,4	SA-2,4	SA-2,4	SA-2,4			
EW-8	Q	Q	Q	Q	Q			EW-8	SA-2,4	SA-2,4	SA-2,4	SA-2,4			

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LMSSC PLANT ONE SITE

WELL OR LOCATION	HISTORIC MONITORING FREQUENCY							WELL OR LOCATION	REVISED MONITORING FREQUENCY						
	HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE		HEAD	VOCs	CFC-113	TCFM	Cr+^{6}	NO$_3$	MtBE
EW-9	Q	Q	Q	Q	Q			EW-9	SA-2,4	SA-2,4	SA-2,4	SA-2,4	SA-2,4		
EW-10	Q	Q	Q	Q	Q			EW-10	SA-2,4	SA-2,4	SA-2,4	SA-2,4	SA-2,4		
EW-11	Q	Q	Q	Q	Q			EW-11	SA-2,4	SA-2,4	SA-2,4	SA-2,4			

Transmissive Zones Beneath Site

T1 = 5 to 25 fbgs.
T2 = 30 to 55 fbgs.
T1/T2 = well is screened across portions of T1 and T2.
T2B = well mainly screened across lower portion of T2.
T3 = 130 to 160 fbgs.
VOCs by EPA Method 8021B or 8260B; reporting should include: 1,1,1-TCA, 1,1-DCA, PCE, TCE 1,1-DCE & 1,2-DCE.
Freon-113 by EPA Method 8021B or 8260B.
TCFM by EPA Method 8021B or 8260B.
Cr^{6+} by EPA Method 7190, 7191, or equivalent based on appropriate detection limits.
NO$_3$ by EPA Method 300 or equivalent.
MtBE by EPA Method 8260B.

KEY

M = monthly monitoring
Q = quarterly monitoring according to the following schedule
1st quarter = April through March
2nd quarter = April through June
3rd quarter = July through September
4th quarter = October through December
SA-1,3 = semi-annual monitoring during the first and third quarters
SA-2,4 = semi-annual monitoring during the second and fourth quarters.
A-1 = annual monitoring during first quarter
A-2 = annual monitoring during second quarter
5A-2 = Monitored every five years during the first quarter beginning in 2006. Sample semi-annually if the extraction system is off for a long period.

TABLE 2
WELL CONSTRUCTION DETAILS
LMSSC PLANT ONE SITE

Well Designation	Date Installed	Transmissive Zone Monitored	Screened Interval (ft, bgs)	Total Depth (ft, bgs)	Well Diameter (inches)	TOC Elevation (ft, msl)
041-9	May-87	1	8.0 - 18.0	18.8	4	13.54
101-1	Sep-87	1	8.0 - 18.0	18.0	4	18.77
101-2	Sep-87	2	40.0 - 45.0	45.0	4	19.22
102-1	Aug-88	2	39.0 - 45.0	45.5	4	11.47
104-1	1987	1	21.0 - 31.0	31.0	4	28.16 [a]
104-2	Sep-87	2	53.0 - 63.0	63.0	4	27.82 [a]
109-3	Jul-89	1	6.0 - 21.0	21.0	4	18.31
130-1	Aug-88	1	17.0 - 22.0	22.0	4	7.06
141-1	Aug-87	3	130.0 - 140.0	145.0	4	11.25
142-1	Aug-88	1	15.0 - 21.0	21.0	4	11.38
142-2	Aug-88	2	35.0 - 44.0	44.5	4	11.26
150-1	Sep-87	1	11.0 - 21.0	21.0	4	23.24
150-2	Sep-87	2	38.0 - 43.0	43.0	4	23.06
151-3	NA	1	10.1 - 15.1	15.1	4	13.76
152-1	Jul-89	1	6.0 - 25.0	25.0	4	11.49
156-1	Sep-87	1	9.0 - 19.0	19.0	4	7.83
156-2	Sep-87	2B	45.0 - 55.0	55.0	4	7.74
157-1	Jan-83	1	10.0 - 21.0	21.5	2	12.87

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LMSSC PLANT ONE SITE

Well Designation	Date Installed	Transmissive Zone Monitored	Screened Interval (ft, bgs)	Total Depth (ft, bgs)	Well Diameter (inches)	TOC Elevation (ft, msl)
157-2	Sep-87	2	30.0 - 40.0	40.0	4	11.96
159-2	Sep-87	1	18.0 - 28.0	29.0	4	9.45
159-3	Aug-88	1	11.0 - 16.0	16.0	4	6.04
159-4	Aug-88	2	39.0 - 47.0	47.0	4	5.58
159-5	Sep-02	2	41.0 - 45.5	46.0	2	8.46
159-6	Mar-04	2B	58.0 - 62.0	62.0	2	6.93
159-7	Mar-04	2B	46.0 - 55.0	68.0	2	6.80
160-1	Aug-88	1	13.0 - 18.0	18.0	4	6.84
160-2	Dec-88	2	31.0 - 36.0	36.0	4	6.86
161-1 [c]	Dec-88	1	7.0 - 17.0	17.0	4	6.56
161-2 [c]	Jan-89	2	27.0 - 32.0	32.0	4	7.00
161-3 [d]	Sep-89	2B	42.0 - 47.0	47.0	4	7.49
170-6	1985	1	5.5 - 12.0	12.0	4	2.77 [b]
170-7 [c]	Sep-87	2	30.0 - 35.0	35.0	4	5.12
170-8	Aug-88	2	29.0 - 39.0	39.0	4	3.96 [b]
170-9	Sep-88	1	12.0 - 18.0	18.0	4	3.59 [b]
170-10	Sep-88	2	28.0 - 38.0	38.0	4	2.75 [b]

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LMSSC PLANT ONE SITE

Well Designation	Date Installed	Transmissive Zone Monitored	Screened Interval (ft, bgs)	Total Depth (ft, bgs)	Well Diameter (inches)	TOC Elevation (ft, msl)
170-12	Sep-89	1	6.0 - 13.0	13.0	4	1.43 [b]
170-13	Sep-89	2	31.0 - 43.5	43.5	4	0.45 [b]
170-15 [c]	Jul-91	1	9.5 - 19.5	19.5	2	5.28
170-16	Jul-91	1	8.5 - 18.5	18.5	2	2.62 [b]
170-17	Jul-91	2	34.5 - 39.5	39.5	2	2.60
170-18	Jul-91	2	27.5 - 36.0	36.0	2	3.59 [b]
170-19	Jul-91	1	11.5 - 16.5	16.5	2	2.36 [b]
170-20	Jul-91	2	21.0 - 31.0	31.0	2	2.13 [b]
170-21	Jan-93	1	8.0 - 16.3	16.3	2	-0.47
170-22	Jan-93	1	9.0 - 19.0	19.0	2	2.58
170-23	Jan-93	2	37.0 - 48.0	48.0	2	3.82 [b]
170-24	Jan-93	2B	38.8 - 43.8	43.8	2	1.84
175-6	Dec-85	1	5.0 - 9.0	9.0	4	3.33
175-7	Dec-85	1	4.0 - 11.0	15.0	4	5.60
175-9	Sep-89	2A	32.0 - 37.0	37.0	4	4.61
175-10	Sep-89	1	5.5 - 12.0	12.0	4	2.92
175-11	Sep-89	2B	49.0 - 54.0	54.0	4	2.97

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LMSSC PLANT ONE SITE

Well Designation	Date Installed	Transmissive Zone Monitored	Screened Interval (ft, bgs)	Total Depth (ft, bgs)	Well Diameter (inches)	TOC Elevation (ft, msl)
177-1	Oct-89	1	12.5 - 21.0	21.0	4	5.01
177-2	Sep-89	1/2	21.5 - 34.5	34.5	4	5.07
177-3	Sep-89	2B	50.0 - 56.0	56.0	4	4.95
178-1	Aug-88	1	5.5 - 10.5	10.5	4	3.89
178-2	Sep-89	1	18.5 - 25.0	25.0	4	4.42
178-3	Oct-89	2	35.5 - 45.5	46.0	4	4.16
178-5	Jul-91	1/2	18.5 - 33.5	33.5	4	2.55 [b]
178-6	Jul-91	2B	41.0 - 46.0	46.0	4	2.64
178-7	Jul-91	1/2	20.0 - 35.0	35.0	2	6.59
178-8	Jul-91	2B	49.0 - 54.0	54.0	2	5.38
178-9	Jul-91	1	9.0 - 22.0	22.0	4	4.63
178-10	Jul-91	2	32.0 - 42.0	40.0	4	4.57
178-11	Jan-93	2	34.5 - 39.5	39.5	2	3.45
178-12	Jan-93	2	35.0 - 41.5	41.5	4	6.18
178-13	Jan-93	1	15.0 - 25.0	25.0	4	6.24
178-14	Jan-93	2	27.5 - 42.5	42.5	4	6.35
181-6	Aug-97	1	9.0 - 16.0	16.0	2	8.28
181-7	Aug-97	2	27.0 - 33.0	33.0	2	8.23

TABLE 2
WELL CONSTRUCTION DETAILS
LMSSC PLANT ONE SITE

Well Designation	Date Installed	Transmissive Zone Monitored	Screened Interval (ft, bgs)	Total Depth (ft, bgs)	Well Diameter (inches)	TOC Elevation (ft, msl)
182-5	Sep-02	2	30 - 41.5	42.0	2	NS
182-6	Sep-02	2	34.5 - 39.5	40.0	2	11.17
182-7	Sep-02	2B	50.0 - 64.5	65.0	2	10.97
182-8	Nov-02	IZ	74.0 - 84.0	84.5	2	9.18
182-9	Nov-02	IZ	67.0 - 76.5	77.0	2	8.31
182-10	Mar-03	IZ	72.0 - 79.0	79.0	2	10.41
182-11	Apr-03	2B	57.5 - 67.5	67.5	4	10.46
182-12	Apr-03	2B	60.0 - 68.0	68.0	2	10.33
182-13	Aug-03	IZ	77.0 - 97.0	101.0	2	10.51
182-14	Aug-03	2B	56.0 - 62.0	63.0	4	10.49
182-15	Aug-03	2	31.0 - 34.0	38.0	4	10.48
182-16	Feb-04	3	152.0 - 158.0	161.0	2	10.04
182-17	Feb-04	3	148.0 - 158.0	162.0	2	10.59
182-18	Feb-04	3	148.0 - 158.0	162.0	2	9.85
182-19	Feb-04	2B	47.0 - 54.0	61.0	2	10.17
182-20	Feb-04	2B	56.0 - 64.0	67.0	2	9.01
182-21	Mar-04	2B	58.0 - 63.0	66.0	2	9.99
182-22	Mar-04	IZ	68.0 - 80.0	84.0	2	10.15

TABLE 2
WELL CONSTRUCTION DETAILS
LMSSC PLANT ONE SITE

Well Designation	Date Installed	Transmissive Zone Monitored	Screened Interval (ft, bgs)	Total Depth (ft, bgs)	Well Diameter (inches)	TOC Elevation (ft, msl)
182-23	Apr-04	2B	50.0-60.0	62.0	2	6.49
182-24	Apr-04	2B	43.0-53.0	63.0	2	6.30
182-25	Mar-04	2B	43.053.0	56.0	2	6.09
182-26	Mar-04	2B	43.0-52.0	54.0	2	5.90
182-27	Apr-04	2B	47.0-53.0	60.0	2	6.48
182-28	Apr-04	2B	44.5-49.5	52.0	2	7.47
182-29	Jul-04	3	157.5 - 164.0	165.0	2	10.49
182-30	Jul-04	2B	54.0 - 66.0	68.0	2	10.73
182-31	Jul-04	3	157.0 - 160.0	166.0	2	9.95
182-32	Aug-04	2B	43.5 - 53.5	58.0	2	5.73
182-33	Aug-04	2B	60.0 - 65.0	67.0	2	6.67
182-34	Aug-04	2B	62.0 - 67.0	68.0	2	7.41
182-35	Aug-04	2B	43.0 - 48.0	49.0	2	5.27
182-36	Sep-04	2B	45.0 - 55.0	58.0	2	6.51
182-37	Dec-05	2B	57.0-62.0	63.0	2	9.91
182-38	Dec-05	2B	58.0-63.0	63.0	2	10.22
182-39	Dec-05	2B	58.0-63.0	64.0	2	10.04
182-40	Jan-05	2B	58.0-63.0	64.0	2	10.22

TABLE 2
WELL CONSTRUCTION DETAILS
LMSSC PLANT ONE SITE

Well Designation	Date Installed	Transmissive Zone Monitored	Screened Interval (ft, bgs)	Total Depth (ft, bgs)	Well Diameter (inches)	TOC Elevation (ft, msl)
182-41	May-05	2B	43.5-48.5	48.5	2	6.53
182-42	Apr-05	2B	44.0-49.0	49.0	2	5.61
182-43	Apr-05	2B	44.0-49.0	49.0	2	5.82
182-44	Apr-05	2B	45.0-50.0	50.0	2	5.70
183-1	Sep-02	2	27.0 - 34.5	35.0	2	9.18
184-1	Sep-02	2	36.0 - 41.5	42.0	2	11.38
186-2	Jan-89	2	29.0 - 34.0	34.5	4	9.92
186-3	Dec-88	1	14.5 - 19.5	19.5	4	9.77
186-4	Jan-89	2	28.0 - 38.0	38.0	4	9.89
191-1	Aug-87	2	39.0 - 49.0	49.0	4	12.72
191-2	Aug-87	1	20.0 - 30.0	30.0	4	12.82
562-1	1985	1	7.0 - 17.0	17.0	4	9.55
562-1R[e]	Jan-02	1	15.0-20.0	20.0	2	NS
562-2	1987	2	38.0 - 48.0	48.0	4	8.94
EW-12	Jan-05	2B	57.0-62.0	62.0	6	10.09
EW-13	May-05	2B	43.5-48.5	48.5	6	5.45
OS-1	Jan-89	1	7.5 - 17.5	17.5	4	1.50
OS-2	Dec-88	2	33.0 - 38.0	38.0	4	1.40
OS-3	Jan-89	1	7.0 - 16.0	16.0	4	0.75

TABLE 2
WELL CONSTRUCTION DETAILS
LMSSC PLANT ONE SITE

Well Designation	Date Installed	Transmissive Zone Monitored	Screened Interval (ft, bgs)	Total Depth (ft, bgs)	Well Diameter (inches)	TOC Elevation (ft, msl)
OS-4	Jan-89	2	30.0 - 45.0	45.0	4	1.10
OS-6	Sep-89	1	7.0 - 19.0	19.0	4	1.45
OS-7	Oct-89	2	34.0 - 39.5	39.5	4	1.51
OS-9	Sep-89	1	8.5 - 18.5	18.5	4	1.55
OS-10	Sep-89	2	35.0 - 40.0	40.0	4	1.33
WP-1	Nov-90	1	4.0 - 9.5	9.5	2	-1.59
WP-2	Nov-90	1	4.0 - 9.5	9.5	2	-0.62
WP-3	Nov-90	1	4.0 - 9.5	9.5	2	-1.57
WP-4	Nov-90	1	4.0 - 9.5	9.5	2	-0.88

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[a] - TOC modified during construction; resurveyed on April 5, 2001.

[b] - TOC modified during construction; resurveyed on March 9, 2001.

[c] - Wells re-installed by MFG, Inc. on April 19, 2001

[d] - Well re-installed by MFG, Inc. on April 20, 2001

[e] - Well 562-1 was destroyed during redevelopment activities at the former building 562. 562-1R was installed as a replacement during January 2002. 562-1R had not been surveyed at the time this report was issued.

(ft, bgs) - feet below ground surface
(ft, msl) - feet relative to mean sea level
TOC - Top of Casing
NA - Not Available
NS - Not Surveyed
Transmissive Zone Abbreviations:

1	First Zone
1B	Lower portion of First Zone
2A	Upper portion of Second Zone
2	Second Zone
2B	Lower portion of Second Zone
1/2	Well screened across First and Second Zones.
IZ	Intermediate Zone
3	Third Zone

TABLE 3
EXTRACTION WELL FLOW RATE (gpm) DATA
JULY 2003 THROUGH DECEMBER 2003
LMSSC PLANT ONE SITE

	EW-1		EW-2		EW-3		EW-4		EW-5		EW-6	
Date	**Flow Rate**	**PSI**	**Flow Rate**	**PSI**	**Flow Rate**	**PSI**	**Flow Rate**	**PSI**	**Flow Rate**	**PSI**	**Flow Rate**	**PSI**
January 4, 2005	2.0	4	17.0	12	12.0	19	24.0	8	3.4	1	6.0	39
February 1, 2005	1.5	4	12.0	11	8.0	19	24.0	7	4.0	6	6.0	37
March 1, 2005	1.5	5	16.0	11	8.0	19	20.0	7	3.0	8	6.0	38
March 31, 2005	2.0	4	17.0	11	8.0	19	20.0	7	*	8	6.5	36
May 2, 2005	1.2	4	16.0	10	9.0	16	18.0	10	2.4	8	6.0	34
June 1, 2005	2.8	4	15.0	10	10.0	20	20.0	10	2.0	12	5.0	33
July 5, 2005	1.4	4	14.0	10	9.0	22	19.0	9	2.0	14	5.0	14
Optimum Flow Rates	6.0		20.0		8.0		30.0		11.5		7.0	
Average Flow Rates	1.8		15.3		9.1		20.7		2.8		5.8	
Percent Of Optimum Flow	30%		76%		114%		69%		24%		83%	

Notes:

gpm - gallons per minute

PSI - pounds per square inch

* - flow meter clogged at time of reading

TABLE 3
EXTRACTION WELL FLOW RATE (gpm) DATA
JULY 2003 THROUGH DECEMBER 2003
LMSSC PLANT ONE SITE

	EW-7		EW-8		EW-9		EW-10		EW-11	
Date	**Flow Rate**	**PSI**	**Flow Rate**	**PSI**	**Flow Rate**	**PSI**	**Flow Rate**	**PSI**	**Flow Rate**	**PSI**
January 4, 2005	4.0	30	8.4	38	3.2	38	10.0	40	22.0	14
February 1, 2005	4.0	30	10.0	36	4.0	36	12.0	38	20.0	15
March 1, 2005	4.5	29	8.0	37	3.0	36	10.0	39	21.0	14
March 31, 2005	5.5	31	9.0	39	3.0	36	10.0	40	20.0	15
May 2, 2005	4.5	31	8.0	40	3.6	38	8.0	37	22.0	15
June 1, 2005	4.0	30	7.0	38	3.0	35	7.0	38	22.0	15
July 5, 2005	4.0	30	7.0	39	3.0	36	8.5	39	21.5	15
Optimum Flow Rates	7.0		10.0		10.0		24.0		21.5	
Average Flow Rates	4.4		8.2		3.3		9.4		21.2	
Percent Of Optimum Flow	62%		82%		33%		39%		99%	

Notes:
gpm - gallons per minute
PSI - pounds per square i
* - flow meter clogged at

Notes:
gpm - gallons per minute
PSI - pounds per square inch
* - flow meter clogged at time of reading

TABLE 4
GROUNDWATER EXTRACTION SYSTEM DISCHARGE SUMMARY
JANUARY 2005 - JUNE 2005
LOCKHEED MARTIN PLANT ONE SITE

Month	B/170	B/178	Monthly Total	Quarterly Total	Cumulative Total
December-04					849,900,476
January-05	2,937,140	2,031,520	4,968,660		854,869,136
February-05	2,921,580	1,979,600	4,901,180		859,770,316
March-05	3,036,840	2,101,580	5,138,420	**15,008,260**	864,908,736
April-05	3,189,160	2,192,660	5,381,820		870,290,556
May-05	2,997,900	2,061,640	5,059,540		875,350,096
June-05	3,310,660	2,287,160	5,597,820	**16,039,180**	880,947,916

TOTALS	**18,393,280**	**12,654,160**	**31,047,440**

Month	Days of Operation		Average Daily Extraction Rate	
	B/170	**B/178**	**B/170**	**B/178**
January-05	27.9	27.8	105,429	72,953
February-05	27.9	30.0	104,871	65,884
March-05	30.0	31.8	101,152	66,048
April-05	30.1	30.2	105,986	72,710
May-05	34.0	34.0	88,218	60,692
June-05	28.2	28.0	117,434	81,614

Averages	**29.7**	**30.3**	**103,848**	**69,984**

Table 5
Potentiometric Surface Elevation Data
Monitoring Wells, Piezometers and Well Points
LMSSC Plant One

Well	April 18, 2005 Potentiometric Surface Elevation (ft, msl)	October 3, 2005 Potentiometric Surface Elevation (ft, msl)	Difference
First Transmissive Zone			
041-09	3.70	3.51	-0.19
101-01	7.69	7.13	-0.56
104-01	19.90	19.64	-0.26
109-03	9.38	9.11	-0.27
130-01	-4.39	-5.01	-0.62
142-01	4.70	4.17	-0.53
150-01	16.72	15.49	-1.23
151-03	6.07	5.75	-0.32
152-01	5.42	4.88	-0.54
156-01	-0.52	-1.54	-1.02
157-01	3.42	1.55	-1.87
159-02	-0.46	-0.90	-0.44
159-03	-2.69	-3.24	-0.55
160-01	-1.05	-1.24	-0.19
161-01	-4.31	-4.42	-0.11
170-06	-5.26	-5.83	-0.57
170-09	-4.52	-5.12	-0.60
170-12	NA	NA	NA
170-15	-5.39	-5.88	-0.49
170-16	-5.23	-5.88	-0.65
170-19	-4.60	-4.95	-0.35
170-21	-6.40	-6.63	-0.23
170-22	-5.67	-6.22	-0.55
175-06	-2.33	-3.28	-0.95
175-07	-0.90	-2.11	-1.21
175-10	-4.31	-4.53	-0.22
177-01	-3.57	-3.72	-0.15
178-01	-4.32	-4.50	-0.18
178-02	-4.66	-4.87	-0.21
178-09	-5.28	-5.39	-0.11
178-13	-5.20	-5.31	-0.11
181-06	-0.37	-0.59	-0.22
186-03	-0.47	-0.72	-0.25
191-02	7.84	6.47	-1.37
562-1R	1.24	0.99	-0.25
G-15	-2.41	-3.59	-1.18
OS-01	-5.80	-6.06	-0.26
OS-03	-6.48	-6.62	-0.14
OS-06	-5.80	-6.00	-0.20
OS-09	-6.52	-6.67	-0.15
WP-01	-5.74	-5.93	-0.19
WP-02	-5.92	-6.08	-0.16
WP-03	NA	NA	NA
WP-04	NA	NA	NA

Table 5
Potentiometric Surface Elevation Data
Monitoring Wells, Piezometers and Well Points
LMSSC Plant One

Well	April 18, 2005 Potentiometric Surface Elevation (ft, msl)	October 3, 2005 Potentiometric Surface Elevation (ft, msl)	Difference
First/Second Transmissive Zone			
177-02	-3.54	-4.03	-0.49
178-05	-4.98	-5.14	-0.16
178-07	-5.01	-5.12	-0.11
Second Transmissive Zone			
101-02	7.97	7.33	-0.64
102-01	3.22	3.16	-0.06
104-02	20.67	20.35	-0.32
142-02	4.70	4.10	-0.60
150-02	16.42	15.08	-1.34
156-02	-0.73	-1.49	-0.76
157-02	3.51	1.30	-2.21
159-04	-2.76	-3.33	-0.57
159-05	-0.66	-1.20	-0.54
160-02	-0.99	-1.13	-0.14
161-02	-3.38	-3.51	-0.13
161-03	-3.22	-3.37	-0.15
170-07	-5.74	-6.20	-0.46
170-08	-6.22	-6.55	-0.33
170-10	-5.54	-6.01	-0.47
170-13	-6.39	-6.72	-0.33
170-17	-5.71	-6.18	-0.47
170-18	-5.25	-5.62	-0.37
170-20	-4.91	-5.13	-0.22
170-23	-7.01	-7.30	-0.29
170-24	-5.38	-5.31	0.07
175-09	-2.19	-3.09	-0.90
178-03	-4.69	-4.86	-0.17
178-06	-5.01	-5.17	-0.16
178-08	-3.29	NA	NA
178-10	-5.33	-5.43	-0.10
178-11	NA	-5.36	NA
178-12	-5.36	-5.40	-0.04
178-14	-5.24	-5.36	-0.12
181-07	-0.35	-0.61	-0.26
182-05	4.00	3.79	-0.21
182-06	1.03	1.02	-0.01
182-15	0.90	0.61	-0.29
183-01	0.04	-0.14	-0.18
184-01	1.97	1.76	-0.21
186-02	0.63	0.50	-0.13
186-04	-0.34	-0.55	-0.21
191-01	7.83	6.46	-1.37
562-02	NA	NA	NA
OS-02	-5.68	-5.98	-0.30
OS-04	-6.50	-6.68	-0.18
OS-07	-5.80	-6.00	-0.20
OS-10	-6.50	-6.63	-0.13

Table 5
Potentiometric Surface Elevation Data
Monitoring Wells, Piezometers and Well Points
LMSSC Plant One

Well	April 18, 2005 Potentiometric Surface Elevation (ft, msl)	October 3, 2005 Potentiometric Surface Elevation (ft, msl)	Difference
2B Transmissive Zone			
159-6	-0.55	-1.01	-0.46
159-7	-1.96	-2.35	-0.39
175-11	-4.02	-4.37	-0.35
177-03	-3.56	-3.71	-0.15
182-07	1.48	1.12	-0.36
182-11	-0.13	-0.05	0.08
182-12	0.74	0.81	0.07
182-14	0.85	0.65	-0.20
182-19	0.47	0.29	-0.18
182-20	-0.37	-0.21	0.16
182-21	-0.65	-0.76	-0.11
182-23	-2.14	-2.34	-0.20
182-24	-2.11	-2.37	-0.26
182-25	-1.62	-1.85	-0.23
182-26	-2.18	-2.50	-0.32
182-27	-2.79	-3.06	-0.27
182-28	-2.72	-2.96	-0.24
182-30	2.72	2.45	-0.27
182-32	-2.63	-3.01	-0.38
182-33	-3.24	-3.46	-0.22
182-34	-3.86	-3.98	-0.12
182-35	-3.74	-4.38	-0.64
182-36	-3.91	-4.39	-0.48
182-37	-0.54	-0.74	-0.20
182-38	-0.41	-0.70	-0.29
182-39	-0.55	-0.70	-0.15
182-40	-0.47	-0.66	-0.19
182-41	NA		NA
182-42	NA	NA	NA
182-43	NA	NA	NA
182-44	NA	NA	NA
Intermediate Transmissive Zone			
182-08	0.53	0.32	-0.21
182-09	-0.32	-0.60	-0.28
182-10	0.14	-0.17	-0.31
182-13	2.02	1.83	-0.19
182-22	-0.33	-0.63	-0.30
Third Transmissive Zone			
141-01	6.49	6.39	-0.10
182-16	13.79	13.14	-0.65
182-17	14.89	14.05	-0.84
182-18	13.73	13.03	-0.70
182-29	14.88	14.00	-0.88
182-31	14.55	13.76	-0.79

ft., msl - feet relative to mean sea level
NA - Not Available
** - Wells Not Surveyed. No PSE can be calculated

Table 6
Potentiometric Surface Elevation Data
Extraction Wells
LMSSC Plant One

Well	1-Jul-02 Potentiometric Surface Elevation (ft, msl)	21-Oct-02 Potentiometric Surface Elevation (ft, msl)	2-Jan-03 Potentiometric Surface Elevation (ft, msl)	1-Apr-03 Potentiometric Surface Elevation (ft, msl)	2-Jul-03 Potentiometric Surface Elevation (ft, msl)
EW-01	-30.87	-14.59	-32.70	-31.07	-34.25
EW-02	-13.00	-15.87	-12.41	-16.46	-16.76
EW-03	-12.33	-11.69	-9.12	-8.57	-10.54
EW-04	-13.35	-13.33	-11.88	-13.02	-13.51
EW-05	-28.71	-43.31	-43.06	-45.61	-42.57
EW-06	-13.60	-12.28	-15.79	-16.56	-17.53
EW-07	-28.73	-12.32	-24.70	-25.68	NA
EW-08	-16.56	-15.78	-18.68	-19.64	-19.61
EW-09	-13.78	-12.63	-10.26	-12.42	-13.49
EW-10	-9.16	-9.92	-8.65	-8.66	-9.57
EW-11	-4.72	-4.52	-3.73	-4.11	-4.54

NS - Well not accessible for sounding at time of event
NA - Potentiometric Surface Elevation not calculable at time of event

Table 6
Potentiometric Surface Elevation Data
Extraction Wells
LMSSC Plant One

Well	9-Nov-03 Potentiometric Surface Elevation (ft, msl)	20-Apr-04 Potentiometric Surface Elevation (ft, msl)	4-Oct-04 Potentiometric Surface Elevation (ft, msl)	18-Apr-05 Potentiometric Surface Elevation (ft, msl)	3-Oct-05 Potentiometric Surface Elevation (ft, msl)
EW-01	NS	-27.82	-20.00	-7.85	-7.70
EW-02	NS	-16.66	-13.03	-9.29	-8.17
EW-03	-9.82	-31.36	-19.76	-18.85	-31.48
EW-04	-12.05	-12.57	-13.44	-12.96	-13.65
EW-05	-45.32	-45.76	-45.00	-31.37	-44.26
EW-06	-17.44	-14.82	-12.52	-16.99	-13.30
EW-07	-27.69	-38.11	-25.70	-17.76	-18.73
EW-08	-20.08	-15.20	-15.07	-16.79	-14.97
EW-09	-13.74	-9.22	-11.78	-8.13	-9.67
EW-10	-10.21	-7.68	0.96	-6.95	-7.27
EW-11	NS	-4.50	-4.68	-4.32	-4.43

NS - Well noNS - Well not accessible for sounding at time of event
NA - PotentiNA - Potentiometric Surface Elevation not calculable at time of event

Table 7
Vertical Gradients for Selected First and Second Transmissive Zone Monitoring Well Pairs
LMSSC Plant One Site
April 18 2005

	Potentiometric		Well		Vertical Gradient (ft/ft)	
Well Pairs	**Surface Elevation**	**Difference**	**Depth**	**Difference**	**Upward**	**Downward**
101-01	7.69		18.0			
101-02	7.97	0.28	45.0	27.0	0.010	
104-01	19.90		31.0			
104-02	20.67	0.77	63.0	32.0		0.024
142-01	4.70		21.0			
142-02	4.70	0	44.0	23.0	0.000	0.000
150-01	16.72		21.0			
150-02	16.42	-0.3	43.0	22.0	0.014	
156-01	-0.52		19.0			
156-02	-0.73	-0.21	55.0	36.0	0.006	
157-01	3.42		21.0			
157-02	3.51	0.09	40.0	19.0		0.005
159-03	-2.69		16.0			
159-04	-2.76	-0.07	47.0	31.0	0.002	
160-01	-1.05		18.0			
160-02	-0.99	0.06	36.0	18.0	0.003	
175-10	-4.31		12.0			
175-11	-4.02	0.29	54.0	42.0	0.007	
181-06	-0.37		16.0			
181-07	-0.35	0.02	33.0	17.0		0.001
186-03	-0.47		19.5			
186-04	-0.34	0.13	38.0	18.5	0.007	
191-02	7.84		30.0			
191-01	7.83	-0.01	49.0	19.0		0.001
562-01	1.24		17.0			
562-02	NA	NA	48.0	31.0	NA	NA
OS-01	-5.80		17.5			
OS-02	-5.68	0.12	38.0	20.5	0.006	
OS-03	-6.48		16.0			
OS-04	-6.50	-0.02	45.0	29.0	0.001	
OS-06	-5.80		19.0			
OS-07	-5.80	0.00	39.5	20.5	0.000	0.000
OS-09	-6.52		18.5			
OS-10	-6.50	0.02	40.0	21.5		0.001
				Average	0.005	0.004

NA - Not Available

TABLE 8
ANALYTICAL RESULTS FOR SELECTED VOCs (ppb)
JANUARY AND APRIL 2005

		Compound (Detection Limit[a] / Drinking Water Standard[b])							
	Sampling	TCA	TCE	PCE	1,1-DCE	1,1-DCA	$CHCl_3$	TCFM	Cr^{+6}
Well No:	Dates:	(0.5/ 200)	(0.5/ 5)	(0.5/ 5)	(0.5/ 6)	(0.5/ 5)	(0.5/ 100)	(0.5/ 150)	(0.01/50)
041-9	04/20/2005	<0.5	14	1.8	<0.5	<0.5	1.1	<0.5	NA
Duplicate	04/20/2005	<0.5	19	3	<0.5	<0.5	1.0	<0.5	NA
101-1	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
101-2	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
102-1	04/20/2005	<5	8.0	<5	<5	<5	<5	<5	NA
104-1	04/27/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
104-2	04/29/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
142-1	04/26/2005	2.9	7.8	0.66	5.5	<0.5	<0.5	<0.5	NA
142-2	04/26/2005	<0.5	1.2	<0.5	3.3	<0.5	<0.5	<0.5	NA
150-1	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
150-2	04/20/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
151-3	04/20/2005	<0.5	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	NA
Duplicate	04/20/2005	<0.5	0.60	<0.5	<0.5	<0.5	<0.5	<0.5	NA
157-1	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
157-2	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
159-2	04/29/2005	<0.5	4.4	<0.5	<0.5	<0.5	<0.5	<0.5	NA
159-3	04/22/2005	<0.5	11	1.2	<0.5	<0.5	<0.5	0.56	NA
Duplicate	04/22/2005	<0.5	16	1.8	<0.5	<0.5	<0.5	0.76	NA
159-4	04/21/2005	<0.5	2.8	<0.5	<0.5	<0.5	<0.5	<0.5	NA
159-5	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
159-6	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA

TABLE 8
ANALYTICAL RESULTS FOR SELECTED VOCs (ppb)
JANUARY AND APRIL 2005

		Compound (Detection Limit[a] / Drinking Water Standard[b])							
Well No:	Sampling Dates:	TCA (0.5/ 200)	TCE (0.5/ 5)	PCE (0.5/ 5)	1,1-DCE (0.5/ 6)	1,1-DCA (0.5/ 5)	$CHCl_3$ (0.5/ 100)	TCFM (0.5/ 150)	Cr^{+6} (0.01/50)
159-7	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
160-1	04/22/2005	<0.5	7.4	<0.5	<0.5	<0.5	0.71	<0.5	<1
Duplicate	04/22/2005	<0.5	10	<0.5	<0.5	<0.5	0.82	0.56	NA
160-2	04/22/2005	<0.5	26	<0.5	3.5	<0.5	1.1	0.91	<1
Replicate	04/22/2005	<0.5	26	<0.5	3.1	<0.5	0.97	0.81	NA
161-1	01/20/2005	<0.5	96	<0.5	5.8	<0.5	<0.5	1.9	NA
	04/26/2005	<1	89	<1	6.6	<1	1.2	2.6	160
161-2	01/20/2005	1.8	110	<0.5	16	<0.5	<0.5	1.2	48
	04/26/2005	1.5	80	<1	12	<1	<1	<1	34
170-10	04/27/2005	<0.5	8.7	0.72	<0.5	<0.5	<0.5	<0.5	12
170-12	04/29/2005	<0.5	14	<0.5	<0.5	<0.5	0.90	<0.5	NA
170-6	04/25/2005	<1	72	4.4	1.2	<1	<1	<1	NA
170-7	04/25/2005	<1	72	2.4	<1	<1	<1	1.8	NA
170-8	04/25/2005	<1	60	<1	2.2	<1	<1	<1	NA
170-9	04/25/2005	<0.5	0.80	<0.5	<0.5	<0.5	<0.5	<0.5	NA
175-6	01/19/2005	<0.5	<0.5	16	<0.5	<0.5	<0.5	0.86	NA
	04/21/2005	<0.5	<0.5	13	<0.5	<0.5	<0.5	0.91	NA
Duplicate	04/21/2005	<0.5	<0.5	17	<0.5	<0.5	<0.5	1	NA
175-7	01/20/2005	<0.5	<0.5	10	<0.5	<0.5	<0.5	1.2	NA
	04/26/2005	<0.5	<0.5	8.1	<0.5	<0.5	<0.5	1.6	NA
Replicate	04/26/2005	<0.5	<0.5	8.6	<0.5	<0.5	<0.5	1.7	NA
175-9	04/26/2005	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	0.76	NA
Replicate	04/26/2005	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	0.74	NA

TABLE 8
ANALYTICAL RESULTS FOR SELECTED VOCs (ppb)
JANUARY AND APRIL 2005

		Compound (Detection Limit[a] / Drinking Water Standard[b])							
Well No:	Sampling Dates:	TCA (0.5/ 200)	TCE (0.5/ 5)	PCE (0.5/ 5)	1,1-DCE (0.5/ 6)	1,1-DCA (0.5/ 5)	$CHCl_3$ (0.5/ 100)	TCFM (0.5/ 150)	Cr^{+6} (0.01/50)
175-10	04/27/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
175-11	04/20/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
177-1	04/25/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.55	NA
177-2	04/27/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.58	NA
Replicate	04/27/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.58	NA
181-6	04/27/2005	<0.5	12	<0.5	<0.5	<0.5	0.99	1.2	NA
Replicate	04/27/2005	<0.5	10	<0.5	<0.5	<0.5	0.84	0.94	NA
181-7	04/27/2005	<0.5	4.1	<0.5	0.84	<0.5	<0.5	0.75	<1
182-5	01/19/2005	2.1	4.3	<0.5	19	0.95	<0.5	<0.5	NA
	04/22/2005	2.0	5.2	<0.5	11	0.51	<0.5	<0.5	NA
182-6	01/18/2005	<0.5	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-7	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	4.3	<0.5	0.95	<0.5	<0.5	<0.5	NA
182-8	01/24/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/21/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-9	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-10	01/25/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-11	01/21/2005	<0.5	340	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<10	580	<10	<10	<10	<10	<10	NA
Replicate	04/22/2005	<10	600	<10	<10	<10	<10	<10	NA

TABLE 8
ANALYTICAL RESULTS FOR SELECTED VOCs (ppb)
JANUARY AND APRIL 2005

		Compound (Detection Limit[a]/ Drinking Water Standard[b])							
	Sampling	**TCA**	**TCE**	**PCE**	**1,1-DCE**	**1,1-DCA**	**$CHCl_3$**	**TCFM**	**Cr^{+6}**
Well No:	**Dates:**	**(0.5/ 200)**	**(0.5/ 5)**	**(0.5/ 5)**	**(0.5/ 6)**	**(0.5/ 5)**	**(0.5/ 100)**	**(0.5/ 150)**	**(0.01/50)**
182-12	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
Duplicate	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-13	01/24/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-14	01/19/2005	<0.5	3500	<0.5	<0.5	<0.5	<0.5	<0.5	NA
Replicate	01/19/2005	<0.5	4000	<0.5	29	<0.5	<0.5	<0.5	NA
	04/21/2005	<25	2500	<25	<25	<25	<25	<25	NA
Duplicate	04/21/2005	<25	3100	<25	<25	<25	<25	<25	NA
182-15	01/19/2005	<0.5	690	<0.5	<0.5	<0.5	<0.5	<0.5	NA
Replicate	01/19/2005	<0.5	860	<0.5	5.5	<0.5	<0.5	<0.5	NA
	04/20/2005	<13	1200	<13	<13	<13	<13	<13	NA
182-16	01/20/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-17	01/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	0.88	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-18	01/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-19	01/18/2005	<0.5	4.9	<0.5	1.2	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	4.1	<0.5	0.74	<0.5	<0.5	<0.5	NA
182-20	01/17/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/20/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA

TABLE 8
ANALYTICAL RESULTS FOR SELECTED VOCs (ppb)
JANUARY AND APRIL 2005

		Compound (Detection Limit[a]/ Drinking Water Standard[b])							
	Sampling	TCA	TCE	PCE	1,1-DCE	1,1-DCA	$CHCl_3$	TCFM	Cr^{+6}
Well No:	Dates:	(0.5/ 200)	(0.5/ 5)	(0.5/ 5)	(0.5/ 6)	(0.5/ 5)	(0.5/ 100)	(0.5/ 150)	(0.01/50)
182-21	01/17/2005	<0.5	5200	<0.5	<0.5	<0.5	<0.5	<0.5	NA
Duplicate	01/17/2005	<0.5	31	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/21/2005	<13	1300	<13	<13	<13	<13	<13	NA
Duplicate	04/21/2005	<25	1600	<25	<25	<25	<25	<25	NA
182-22	01/17/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-23	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-24	01/19/2005	<0.5	360	<0.5	6.5	<0.5	<0.5	<0.5	NA
Replicate	01/19/2005	<0.5	350	<0.5	9.0	<0.5	<0.5	<0.5	NA
182-24	04/21/2005	<5	420	<5	9.8	<5	<5	<5	NA
Replicate	04/21/2005	<5	390	<5	8.9	<5	<5	<5	NA
182-25	01/18/2005	<0.5	190	<0.5	3.5	<0.5	<0.5	<0.5	NA
Duplicate	01/18/2005	<0.5	45	<0.5	0.73	<0.5	<0.5	<0.5	NA
	04/19/2005	<2.5	230	<2.5	3.8	<2.5	<2.5	<2.5	NA
182-26	01/18/2005	<0.5	150	<0.5	2.8	<0.5	<0.5	<0.5	NA
	04/19/2005	<2.5	140	<2.5	<2.5	<2.5	<2.5	<2.5	NA
182-27	01/19/2005	<0.5	230	<0.5	4.3	<0.5	<0.5	<0.5	NA
Replicate	01/19/2005	<0.5	260	<0.5	3.8	<0.5	<0.5	<0.5	NA
182-27	04/20/2005	<5	320	<5	5.7	<5	<5	<5	NA
Replicate	04/20/2005	<5	290	<5	<5	<5	<5	<5	NA
182-28	01/18/2005	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	NA
	04/19/2005	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	NA

TABLE 8
ANALYTICAL RESULTS FOR SELECTED VOCs (ppb)
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		Compound (Detection Limit[a] / Drinking Water Standard[b])							
	Sampling	TCA	TCE	PCE	1,1-DCE	1,1-DCA	$CHCl_3$	TCFM	Cr^{+6}
Well No:	Dates:	(0.5/ 200)	(0.5/ 5)	(0.5/ 5)	(0.5/ 6)	(0.5/ 5)	(0.5/ 100)	(0.5/ 150)	(0.01/50)
182-29	01/25/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-30	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-31	01/25/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/21/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-32	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-33	01/21/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/28/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-34	01/20/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/28/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
182-35	01/19/2005	<0.5	100	1.1	1.6	<0.5	<0.5	1.3	NA
Duplicate	01/19/2005	<0.5	21	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/19/2005	<2.5	110	<2.5	<2.5	<2.5	<2.5	<2.5	NA
182-36	01/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	1.0	NA
	04/19/2005	<0.5	<0.5	<0.5	<0.5	<0.5	0.88	0.86	NA
182-37	01/17/2005	<0.5	7400	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/28/2005	<50	10000	<50	76	<50	<50	<50	NA
182-38	01/17/2005	<0.5	2600	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/28/2005	<10	1800	<10	11	<10	<10	<10	NA
182-39	01/20/2005	<0.5	8600	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/28/2005	<25	6500	<25	31	<25	<25	<25	NA

TABLE 8
ANALYTICAL RESULTS FOR SELECTED VOCs (ppb)
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		Compound (Detection Limit[a]/ Drinking Water Standard[b])							
	Sampling	TCA	TCE	PCE	1,1-DCE	1,1-DCA	$CHCl_3$	TCFM	Cr^{+6}
Well No:	Dates:	(0.5/ 200)	(0.5/ 5)	(0.5/ 5)	(0.5/ 6)	(0.5/ 5)	(0.5/ 100)	(0.5/ 150)	(0.01/50)
182-40	01/20/2005	<0.5	6100	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/28/2005	<25	6900	<25	<25	<25	<25	<25	NA
182-41	05/10/2005	<0.50	<0.50	<0.50	<0.50	<0.50	0.822	<0.50	NA
182-42	05/10/2005	<0.50	49.365	<0.50	1.097	<0.50	1.036	1.066	NA
182-43	05/10/2005	<0.50	28.08	<0.50	0.836	<0.50	0.982	17.1	NA
182-44	05/10/2005	<1.0	60.1	<1.0	<1.0	<1.0	<1.0	2.1	NA
183-1	01/17/2005	<0.5	350	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/20/2005	<5	340	<5	<5	<5	<5	6.2	NA
Duplicate	04/20/2005	<5	360	<5	<5	<5	<5	6	NA
184-1	01/17/2005	<0.5	63	<0.5	1.6	<0.5	<0.5	<0.5	NA
184-1	04/25/2005	<1	69	<1	1.9	<1	<1	<1	NA
Replicate	04/25/2005	<1	73	<1	1.8	<1	<1	<1	NA
186-2	01/17/2005	<0.5	360	<0.5	5.3	<0.5	<0.5	<0.5	NA
Duplicate	01/17/2005	<0.5	24	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	04/27/2005	<100	8200	<100	<100	<100	<100	<100	20
186-3	01/17/2005	<0.5	92	2.7	6.4	<0.5	<0.5	<0.5	NA
	04/19/2005	<1	83	2.3	4.9	<1	<1	<1	NA
186-4	01/17/2005	<0.5	1600	<0.5	10	<0.5	<0.5	<0.5	<1
Replicate	01/17/2005	<0.5	1500	<0.5	11	<0.5	<0.5	<0.5	NA
	04/21/2005	<25	1700	<25	<25	<25	<25	<25	<1
Duplicate	04/21/2005	<25	2100	<25	<25	<25	<25	<25	NA
191-1	04/27/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
191-2	04/27/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA

TABLE 8
ANALYTICAL RESULTS FOR SELECTED VOCs (ppb)
JANUARY AND APRIL 2005

		Compound (Detection Limit[a]/ Drinking Water Standard[b])							
	Sampling	**TCA**	**TCE**	**PCE**	**1,1-DCE**	**1,1-DCA**	**$CHCl_3$**	**TCFM**	**Cr^{+6}**
Well No:	**Dates:**	**(0.5/ 200)**	**(0.5/ 5)**	**(0.5/ 5)**	**(0.5/ 6)**	**(0.5/ 5)**	**(0.5/ 100)**	**(0.5/ 150)**	**(0.01/50)**
562-1	04/27/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.61	NA
EW-12	01/20/2005	<0.5	7600	<0.5	<0.5	<0.5	<0.5	<0.5	NA
EW-12	04/28/2005	<50	9500	<50	<50	<50	<50	<50	NA
EW-13	05/10/2005	<0.5	140	2	85	<0.5	<0.5	5	NA
OS-1	04/26/2005	<1	63	2.5	6.2	<1	<1	<1	NA
OS-2	04/26/2005	<0.5	23	0.71	2.7	<0.5	<0.5	0.64	<1
OS-3	04/26/2005	<0.5	12	<0.5	<0.5	<0.5	<0.5	<0.5	NA
OS-4	04/26/2005	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<0.5	NA
OS-6	04/26/2005	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	NA
OS-7	04/26/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
OS-9	04/27/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA
OS-10	04/27/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA

TABLE 9
ANALYTICAL RESULTS AND REPRESENTATIVE CONCENTRATIONS
FOR TOTAL VOCs FROM EXTRACTION WELLS (ppb) [1]
APRIL 2005
LMSSC PLANT ONE SITE

DATE	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10	EW-11
Dec-91	140.0	71.0	45.0	280.0	390.0	440.0	330.0	---	---	---	---
Mar-92	150.5	249.7	36.9	455.3	356.2	410.0	366.7	---	---	---	---
Apr-92	95.3	179.8	19.1	345.9	395.2	405.9	360.1	---	---	---	---
May-92	110.5	158.9	16.0	304.7	361.2	348.0	291.1	---	---	---	---
Aug-92	178.3	194.0	8.4	335.3	417.8	340.1	322.4	---	---	---	---
Oct-92	126.3	146.6	8.3	302.6	356.4	359.1	292.8	---	---	---	---
Jan-93	187.1	206.4	9.1	375.3	401.6	360.7	367.4	---	---	---	---
Mar-93	---	---	---	---	---	---	---	428.3	592.5	506.8	BRL
May-93	137.7	135.0	4.0	198.8	285.6	276.3	241.2	421.1	410.6	473.5	BRL
Apr-94	115.8	98.1	3.1	181.8	280.9	255.8	217.2	305.9	251.5	399.1	BRL
Jul-94	150.6	96.2	5.4	196.5	281.0	237.5	261.0	301.6	320.2	399.3	BRL
Oct-94	112.1	98.4	5.8	168.3	276.5	259.0	233.6	270.5	250.9	412.3	BRL
Jan-95	155.1	130.7	4.6	137.6	233.7	190.8	177.1	225.5	238.8	302.5	BRL
Apr-95	130.9	119.4	3.9	136.6	216.5	188.1	174.9	217.2	214.7	315.0	BRL
Jul-95	140.0	109.8	3.1	146.9	266.7	262.2	200.7	250.0	237.7	382.2	BRL
Oct-95	114.3	73.8	3.0	105.5	161.5	196.8	154.3	191.1	162.4	326.6	BRL
Jan-96	122.0	85.3	3.6	126.7	216.8	210.7	177.7	205.6	208.2	328.3	BRL
Apr-96	155.6	122.8	5.4	136.3	206.1	169.4	187.3	213.9	227.1	375.7	1.2
Jul-96	115.6	85.6	4.6	92.5	164.4	163.9	132.2	168.8	179.5	301.2	BRL
Oct-96	139.9	84.9	6.1	115.3	193.9	190.5	170.4	219.1	220.1	374.5	0.8
Jan-97	139.3	97.0	5.5	86.7	172.4	156.1	134.3	159.1	195.7	291.4	0.9
Apr-97	126.0	92.9	4.5	95.4	167.6	170.8	150.5	198.1	184.7	301.2	0.7
Jul-97 [1]	148.2	106.4	3.8	69.9	136.2	136.8	125.6	181.4	169.3	260.9	0.5
Oct-97 [2]	161.9	108.1	4.5	101.1	201.3	177.8	166.1	181.5	209.5	336.2	0.5
Jan-98	144.1	114.2	4.3	100.5	158.3	138.8	138.9	166.6	190.1	291.3	1.3
Apr-98	137.9	103.8	2.8	91.1	152.8	126.9	130.8	154.1	149.2	252.3	BRL
Jul-98	109.6	78.7	2.9	74.1	147.2	127.0	126.0	147.6	155.4	266.7	BRL
Oct-98	108.1	71.8	2.2	75.4	138.7	130.2	118.1	155.7	144.3	267.8	BRL
Jan-99	106.1	72.6	1.9	95.3	138.8	134.4	125.7	141.9	172.1	316.4	BRL
Apr-99	136.4	90.5	3.7	85.4	156.0	125.5	117.9	141.9	140.7	237.7	BRL
Jul-99	160.1	101.8	2.2	99.0	232.3	222.2	195.1	237.9	263.9	396.1	0.5
Oct-99	121.3	83.1	1.5	67.7	131.0	117.5	112.1	125.7	192.1	289.7	BRL
Jan-00	159.65	99.7	1.8	80.2	171.5	149.2	129.9	159.9	181.9	329.7	BRL
Apr-00	85.2	65.7	1.4	64.0	100.7	75.0	87.9	62.5	104.7	246.8	BRL
Jul-00	121.2	73.7	1.5	65.3	109.3	92.4	101.2	122.1	138.8	224	BRL
Oct-00	111.2	57.9	2.1	---	104.9	84.5	94.4	141.5	123.0	276.1	BRL

TABLE 9
ANALYTICAL RESULTS AND REPRESENTATIVE CONCENTRATIONS
FOR TOTAL VOCs FROM EXTRACTION WELLS (ppb) [1]
APRIL 2005
LMSSC PLANT ONE SITE

DATE	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10	EW-11
Feb-01	123.9	69.5	1.3	81.0	98.8	78.8	106.4	99.7	155.4	294.6	BRL
Apr-01	104.0	63.7	1.7	64.0	105.3	77.5	93.7	71.5	108.5	234.6	BRL
Jul-01	102.0	67.2	2.1	58.7	104.8	88.2	92.0	90.4	131.5	274.6	BRL
Nov-01	130.9	88.4	2.3	65.9	134.1	94.4	190.8	106.4	174.9	300.7	BRL
Jan-02	132	80.6	0.99	60	99	94.1	86.4	123.6	140	263	BRL
Apr-02	123.40	84.29	2.09	62.21	91.50	101.79	88.00	107.50	119.00	251.20	BRL
Jul-02	119.0	93.3	1.1	59.0	94.3	98.3	93.2	120.6	126.5	321.9	BRL
Oct-02	121.4	85.6	0.9	69.5	107.1	98.9	88.1	145.7	167.6	291.4	BRL
Apr-03	111.24	76.48	0.88	55.7	97.2	94.15	84.4	100.92	127.24	235.6	BRL
Oct-03	87.52	50.5	0.86	49.81	NA	89.55	89.73	99.63	168.4	301	BRL
Apr-04	105.99	58.23	1.40	60.9	90.30	76.87	77.1	70.81	111.49	245.7	BRL
Oct-04	107.99	50.59	1.50	61.9	96	81.42	69.1	85.3	146	256.8	BRL
Apr-05	102.86	57.33	2.2	54.3	67.0	63.25	70.0	59.3	90.6	221.5	BRL
Representative Concentration	**128**	**100**	**5**	**132**	**193**	**178**	**165**	**171**	**190**	**309**	**1**

[1] - Total VOCs in ppb by EPA Method 8010 modified analysis prior to October 1997.

[2] - Beginning October 1997, total VOCs in parts per billion (ppb) are analyzed by EPA Method 8021 modified analysis.

NA - EW-5 was not sampled in October due to a broken vault box lid.

TABLE 10
ANALYTICAL RESULTS AND REPRESENTATIVE CONCENTRATIONS FOR HEXAVALENT CHROMIUM FROM EXTRACTION WELLS (ppb) [1]
APRIL 2005
LMSSC PLANT ONE SITE

DATE	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10	EW-11
Dec-91	96	34	<20	<20	<20	<20	<20	---	---	---	---
Mar-92	86	110	<20	<20	25	<20	<20	---	---	---	---
Apr-92	80	90	<20	<20	<20	<20	<20	---	---	---	---
May-92	87	85	<20	<20	<20	<20	<20	---	---	---	---
Aug-92	90	70	<20	<20	<20	40	<20	---	---	---	---
Oct-92	70	80	<20	---	---	---	<20	---	---	---	---
Jan-93	76	85	<20	---	---	---	<20	---	---	---	---
Mar-93	---	---	---	---	---	---	---	<20	<20	28	<20
May-93	74	64	<20	---	---	---	---	---	<20	40	<20
Apr-94	40	60	<20	---	---	---	---	---	30	60	---
Jul-94	33	33	<20	---	---	---	---	---	27	57	---
Oct-94	37	31	<20	---	---	---	---	---	40	65	---
Jan-95	45	42	<20	---	---	---	---	---	29	62	---
Apr-95	36	42	<20	---	---	---	---	---	27	59	---
Jul-95	30	40	<20	---	---	---	---	---	27	55	---
Oct-95	32	34	<20	---	---	---	---	---	30	62	---
Jan-96	50	50	30	---	---	---	---	---	30	60	---
Apr-96	40	38	<20	---	---	---	---	---	29	56	---
Jul-96	34	27	<20	---	---	---	---	---	22	47	---
Oct-96	30	20	<20	---	---	---	---	---	20	50	---
Jan-97	42	35	<20	---	---	---	---	---	29	60	---
Apr-97	<20	<20	<20	---	---	---	---	---	<20	43	---
Jul-97	25	22	<20	---	---	---	---	---	<20	47	---
Oct-97	22	22	<20	---	---	---	---	---	22	47	---
Jan-98	22	26	<20	---	---	---	---	---	20	44	---
Apr-98	24	24	<20	---	---	---	---	---	<20	44	---
Jul-98	23	21	<20	---	---	---	---	---	<20	38	---
Oct-98	<20	<20	<20	---	---	---	---	---	<20	27	---
Jan-99	<20	<20	<20	---	---	---	---	---	<20	40	---
Apr-99	<20	<20	<20	---	---	---	---	---	<20	37	---
Jul-99	<20	<20	<20	---	---	---	---	---	<20	34	---
Oct-99	<20	<20	<20	---	---	---	---	---	<20	36	---
Jan-00	<20	<20	<20	---	---	---	---	---	<20	27	---
Apr-00	<20	20	<20	---	---	---	---	---	<20	28	---
Jul-00	<20	<20	<20	---	---	---	---	---	<20	27	---
Oct-00	<20	<20	<20	---	20	<20	<20	<20	<20	34	<20
Feb-01	<20	<20	<20	<20	<20	<20	<20	<20	<20	22	<20

TABLE 10
ANALYTICAL RESULTS AND REPRESENTATIVE CONCENTRATIONS FOR HEXAVALENT CHROMIUM FROM EXTRACTION WELLS (ppb) [1]
APRIL 2005
LMSSC PLANT ONE SITE

DATE	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10	EW-11
Apr-01	<10	12	<10	<10	<10	<10	<10	<10	<10	27	<10
Jul-01	12	13	<10	<10	<10	<10	<10	<10	<10	26	<10
Nov-01	10	12	<10	<10	<10	<10	<10	<10	<10	30	<10
Jan-02	<10	12	<10	<10	<10	<10	<10	<10	<10	27	<10
Apr-02	19.0	13	<10	<10	<10	<10	<10	<10	10.0	19	<10
Jul-02	<10	14	<10	<10	<10	<10	<10	<10	<10	30	<10
Oct-02	12	12	<10	---	---	---	---	---	18	33	---
Apr-03	<10	12	21	---	---	---	---	---	<10	26	---
Oct-03	<10	<10	<10	---	---	---	---	---	10	30	---
Apr-04	12	11	<10	---	---	---	---	---	<10	30	---
Oct-04	<10	<10	<10	---	---	---	---	---	<10	27	---
Apr-05	17	16	14	---	---	---	---	---	<10	28	---
Representative Concentration	**30.1**	**30.0**	**9.8**	**BRL**	**9.6**	**10.0**	**BRL**	**BRL**	**14.9**	**39.7**	**BRL**

[1] - Hexavlent chromium in parts per billion (ppb) by EPA Method 7196 or 3500-CR-D.
Beginning in April 2001, the reporting limit for hexavalent chromium was lowered from 20 ppb to 10 ppb because of the switch from MPCL to STL. The MPCL reporting limit for hexavalent chromium was 20 ppb

--- Not Analyzed

BRL - Below Reporting Limit

TABLE 11
SUMMARY OF MONITORING WELL ANALYTICAL RESULTS EXCEEDING THE EVALUATION CRITERIA (ppb)
LMSSC PLANT ONE SITE
JANUARY AND APRIL 2005

Well Designation	Compound	Representative Concentration	Result	Relative Percent Difference	Historical Range
January 2005					
PWTRF Wells					
First Transmissive Zone					
175-6	PCE	30	16	60%	14-53.7
Former Suspected Source Area Wells					
Second Transmissive Zone					
161-2	DCE	38	16	81%	2.5-98
	Cr^{+6}	306	48	146%	2.5-930
182-5	DCE	9.5	19	67%	2.5-23
186-2	TCE	3,436	360	162%	220-9800
186-4	DCE	33	10	107%	1.25-160
April 2005					
PWTRF Wells					
First Transmissive Zone					
175-6	PCE	30	13	79%	15-57.3
Former Suspected Source Area Wells					
First Transmissive Zone					
041-9	TCE	47	14	108%	16-98
161-1	Cr^{+6}	346	160	74%	16-810
Second Transmissive Zone					
161-2	TCE	149	80	60%	44-360
	DCE	38	12	103%	2.5-98
	Cr^{+6}	302	34	159%	5-930
186-2	Cr^{+6}	452	20	183%	5-1100
Monitor Plume Boundary Conditions					
First Transmissive Zone					
159-3	TCE	29	11	89%	9.9-51
170-12	TCE	39	14	95%	0.25-100
181-6	TCE	38	12	104%	3.6-86
OS-1	TCE	200	63	104%	57-359
OS-3	TCE	58	12	131%	14-114
Second Transmissive Zone					
160-2	TCE	85	26	107%	14-150

TABLE 11
SUMMARY OF MONITORING WELL ANALYTICAL RESULTS EXCEEDING THE EVALUATION CRITERIA (ppb)
LMSSC PLANT ONE SITE
JANUARY AND APRIL 2005

Well Designation	Compound	Representative Concentration	Result	Relative Percent Difference	Historical Range
Monitor Mass Removal					
First Transmissive Zone					
170-6	TCE	336	72	129%	62-760
Second Transmissive Zone					
170-7	TCE	385	72	137%	43-730
170-8	TCE	230	60	117%	38-410

Notes:

ppb	- parts per billion
TCE	- Trichloroethene
DCE	- 1,1-dichloroethene
PCE	- Tetrachloroethene
Cr+6	- Hexavalent chromium

TABLE 12
SUMMARY OF SAMPLING QA/QC
JANUARY 2005 QUARTERLY MONITORING EVENT
LMSSC PLANT ONE SITE

- **Sampling performed by:**

Cameron-Cole, LLC.
101 West Atlantic Ave. Building 90
Alameda, California 94501
Contact: Mike Stephensen
Phone: (510) 769-3564

- **Chain-of-custody forms completed for all samples?**

Yes ☒
No ☐

- **Field parameters stable prior to collecting samples?**

Yes ☒
No ☐

- **Zero head space in sample containers (VOCs only)?**

Yes ☒
No ☐

- **Samples preserved according to analytical method?**

Yes ☒
No ☐

- **Required field QA/QC samples collected?**

Yes ☒
No ☐

TABLE 13
SUMMARY OF SAMPLING QA/QC
APRIL 2005 ANNUAL MONITORING EVENT
LMSSC PLANT ONE SITE

- **Sampling performed by:**

Cameron-Cole, LLC.
101 West Atlantic Ave. Building 90
Alameda, California 94501
Contact: Mike Stephensen
Phone: (510) 769-3564

- **Chain-of-custody forms completed for all samples?**

Yes ☒
No ☐

- **Field parameters stable prior to collecting samples?**

Yes ☒
No ☐

- **Zero head space in sample containers (VOCs only)?**

Yes ☒
No ☐

- **Samples preserved according to analytical method?**

Yes ☒
No ☐

- **Required field QA/QC samples collected?**

Yes ☒
No ☐

TABLE 14
SUMMARY OF ANALYTICAL QA/QC
JANUARY 2005 QUARTERLY MONITORING EVENT
LMSSC PLANT ONE SITE

- **Analyses performed by:**

Primary Laboratory -

Entech Analytical Laboratory
3334 Victor Court
Santa Clara, CA 95054
Contact: Simon Hague
Phone: (408) 588-0200

Duplicate Laboratory -

Sequoia Analytical
885 Jarvis Drive
Morgon Hill, CA 95037
Contact: Lisa Race
Phone: (408) 776-9600

- **Analytical methods used:**

Entech	USEPA 8260B, 7196A
Sequoia	USEPA 8260B

- **Is the laboratory certified by the State of California for these analyses?**

Entech
Yes ☒
No ☐

Sequoia
Yes ☒
No ☐

- **Analyses performed according to standard methods?**

Yes ☒
No ☐

- **Sample hold times met?**

Yes ☒
No ☐

- **Analytical results reported for all values above the Method Detection Limit (MDL)?**

Yes ☒
No ☐

- **QA/QC analyses* run consistent with analytical methods?**

Yes ☒
No ☐

- **QA/QC results meet all acceptance criteria?**

Yes ☒
No ☐

TABLE 14
SUMMARY OF ANALYTICAL QA/QC
JANUARY 2005 QUARTERLY MONITORING EVENT
LMSSC PLANT ONE SITE

- **QA/QC results and acceptance criteria kept on file?**

Yes ☒
No ☐

* Includes rinse, and trip blanks, replicates, MS/MSD samples, and surrogate recoveries.

Comments:

The following Duplicate sample results are noted because they had relative percent differences (RPDs) over 20%as defined in section 3.2.:

Well	Compound	Primary Reslt	Secondary Result	RPD
182-15(Rep)	Trichloroethene	690	860	22%
182-21(Dup)	Trichloroethene	5200	31	198%
182-25 (Dup)	Trichloroethene	190	45	123%
182-35 (Dup)	Trichloroethene	100	21	131%
186-2 (Dup)	Trichloroethene	360	245	38%
186-2 (Dup)	cis-1,2-Dichloroethene	14	0.66	182%

Well 182-11 the recovery of Trichloroethane was outside of acceptable control limits

TABLE 15
SUMMARY OF ANALYTICAL QA/QC
APRIL 2005 SEMI-ANNUAL MONITORING EVENT
LMSSC PLANT ONE SITE

- **Analyses performed by:**

  Primary Laboratory -

  Entech Analytical Laboratory
  3334 Victor Court
  Santa Clara, CA 95054
  Contact: Simon Hague
  Phone: (408) 522-0200

  Duplicate Laboratory -

  Sequoia Analytical
  885 Jarvis Drive
  Morgon Hill, CA 95037
  Contact: Lisa Race
  Phone: (408) 776-9600

- **Analytical methods used:**

Entech	USEPA 8260B, 7196A
Sequoia	USEPA 8260B, 7196A

- **Is the laboratory certified by the State of California for these analyses?**

  Entech
  Yes ☒
  No ☐

  Sequoia
  Yes ☒
  No ☐

- **Analyses performed according to standard methods?**

  Yes ☒
  No ☐

- **Sample hold times met?**

  Yes ☒
  No ☐

- **Analytical results reported for all values above the Method Detection Limit (MDL)?**

  Yes ☒
  No ☐

- **QA/QC analyses* run consistent with analytical methods?**

  Yes ☒
  No ☐

- **QA/QC results meet all acceptance criteria?**

  Yes ☒
  No ☐

TABLE 15
SUMMARY OF ANALYTICAL QA/QC
APRIL 2005 SEMI-ANNUAL MONITORING EVENT
LMSSC PLANT ONE SITE

- **QA/QC results and acceptance criteria kept on file?**

Yes ☒
No ☐

* Includes rinse, and trip blanks, replicates, duplicates, MS/MSD samples, and surrogate recoveries.

Comments:

The following Duplicate sample results are noted because they had relative percent differences (RPDs) over 20%as defined in section 3.2.:

Well	Compound	Primary Reslt	Secondary Result	RPD
041-9 (DUP)	Trichloroethene	14	19	30%
159-3 (DUP)	Trichloroethene	11	16	37%
160-1 (Dup)	Trichloroethene	7.4	10	30%
175-6 (DUP)	Tetrachloroethene	13	17	27%
182-14 (DUP)	Trichloroethene	2500	3100	21%
182-21 (DUP)	Trichloroethene	1300	1600	21%
186-4 (DUP)	Trichloroethene	1700	2100	21%

Chromium (VI) was detected in the sample EW-1 at 17 parts per billion (ppb). There was none detected bove the 5 ppb reporting limit in the duplicate EW-1 sample. Consequently an RPD could not be calculated.

DEPARTMENT OF DEFENSE
UNITED STATES OF AMERICA

DEPARTMENT OF THE NAVY
SOUTHWEST DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
1220 PACIFIC HIGHWAY
SAN DIEGO, CA 92132-5190

5090
Ser 06CH.SG/0232
February 26, 2004

RECEIVED
March 1, 2004
Santa Clara Valley Water District

Ms. Adriana Constantinescu
Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Ms. Lida Tan
U.S. Environmental Protection Agency
Region IX
75 Hawthorne St., SFD-8-3
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Dear Ms. Constantinescu and Ms. Tan:

The Navy is pleased to submit for your information a Technical Memorandum concerning ownership of property adjacent to and sediment sampling within the Moffett Channel. The Navy prepared this report to show the approximate property limits of property owners around the Northern Channel and to communicate data collected in May 2002 from the Moffett Channel. The Navy is not anticipating comments on this Technical Memorandum and as a result has not scheduled a comment period.

As always, if you have any questions, please do not hesitate to contact me at (619) 532-0911 or Mr. Scott Gromko at (619) 532-0933.

Sincerely,

Andrea Espinoza
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BRAC Environmental Coordinator
By direction of the Commander

Encl: (1) Moffett Channel Technical Memorandum

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TECHNICAL MEMORANDUM INVESTIGATION OF THE MOFFETT CHANNEL

Former Naval Air Station Moffett Field
Santa Clara County, California

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February 26, 2004

Prepared for

DEPARTMENT OF THE NAVY
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ACRONYMS AND ABBREVIATIONS

µg/kg	Micrograms per kilogram
AEL	Allowable exposure level
APN	Assessor’s parcel number
COEC	Contaminant of ecological concern
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethene
DDT	Dichlorodiphenyltrichloroethane
EPA	United States Environmental Protection Agency
FS	Feasibility study
MDL	Method detection limit
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
msl	Mean sea level
MW	Montgomery Watson
PCB	Polychlorinated biphenyl
POTW	Publicly owned treatment works
PRC	PRC Environmental Management, Inc.
RAO	Remedial action objective
RI	Remedial investigation
RWQCB	California Regional Water Quality Control Board, San Francisco Bay Region
SCVWD	Santa Clara Valley Water District
TDS	Total dissolved solids
Tetra Tech	Tetra Tech EM Inc.
USFWS	United States Fish and Wildlife Service

1.0 INTRODUCTION

Under the direction of the U.S. Department of the Navy, Naval Facilities Engineering Command, Southwest Division, Tetra Tech EM Inc. (Tetra Tech) prepared this technical memorandum to provide an evaluation of the concentrations and distribution of contaminants of ecological concern (COEC) in the Moffett Channel and to provide a more thorough identification of property owners for the Moffett Channel and Northern Channel areas.

1.1 BACKGROUND – MOFFETT CHANNEL

Moffett Channel is located in Sunnyvale, California approximately 35 miles south of San Francisco, 10 miles north of San Jose, and less than 1 mile south of San Francisco Bay (Figure 1-1). West of the Moffett Channel is the Northern Channel that is just north of the former Naval Air Station Moffett Field (Moffett) boundary (Figure 1-2). Moffett Channel is located within Section 7, Township 6 South, Range 1 West, Mount Diablo Base and Meridian.

Moffett Channel is approximately 4,300 feet long by 125 feet wide and 2 to 15 feet deep (tidal influence varies the depth throughout the day). The channel covers an area of roughly 12.4 acres. Moffett Channel functions as a storm water channel used to convey water from the West Sunnyvale Channel, the Lockheed Channel, and the Northern Channel to Guadalupe Slough, which drains by gravity into South San Francisco Bay. Permit records from the San Francisco Bay Region of the California Regional Water Quality Control Board (RWQCB) indicate that Moffett Channel also receives an average of 16.13 million gallons per day of effluent from the Sunnyvale publicly owned treatment works (POTW) located at its southern end (RWQCB 1998, 2001). Direct hydraulic communication with San Francisco Bay via Guadalupe Slough subjects the channel to tidal actions from the Bay.

San Francisco Bay, California’s largest estuary, is less than 1 mile north of Moffett Channel. Historically, tidal marsh and mud flats covered extensive areas of the southern portion of the Bay including the Moffett Channel, but most of these wetland areas have been eliminated or greatly altered. The marshlands in the area adjacent to Moffett Channel were diked around 1920 by commercial salt producers and are now used for commercial saltwater evaporation ponds and water treatment holding ponds. Moffett Channel and most of the Guadalupe Slough are currently classified as a tidal brackish marsh (Goals Project 1999). A tidal marsh is defined as a vegetated wetland lying within the apex of the intertidal zone and the lower limit of vascular vegetation growth. Saline areas (salinity levels greater than or equal to 35,000 milligrams per liter (mg/L) of total dissolved solids [TDS] [Drever 1997]) are termed tidal salt marsh; areas of lower salinity (≈1,000 to 20,000 mg/L TDS [Drever 1997]) due to freshwater inputs are termed tidal brackish marsh and tend to be less productive ecologically than tidal salt marsh (Goals Project 1999). Moffett Channel lies at or near mean sea level (msl) with its dikes raised to approximately 8 feet above msl. The channel drains into Guadalupe Slough by gravity and therefore must be higher at the southern end, although the elevation gradient from south to north is unknown.

1.2 PURPOSE AND OVERALL OBJECTIVES

This technical memorandum was prepared to fulfill two objectives. The first objective was to evaluate the contamination found in the Moffett Channel by comparing concentrations of COECs to action levels established for the Northern Channel. Based on the results of the 1996 stationwide remedial investigation (PRC 1996) and the stationwide ecological assessment (PRC and Montgomery Watson 1995a, 1995b, and 1997), polychlorinated biphenyls (PCBs as total Aroclors), pesticides (total chlordane and total dichlorodiphenyltrichloroethane [DDT]), and six metals (cadmium, lead, mercury, selenium, silver, and zinc) were identified as COECs in the Northern Channel area. Action levels for these nine COECs were identified and finalized in the Northern Channel Feasibility Study (FS) (Tetra Tech 2003). The contamination found in the Moffett Channel was based on data collected during the data gaps investigation in May 2002. While most of the data was collected in the Northern Channel and associated ditches to support the development of the FS (Tetra Tech 2003), samples were also collected from 11 locations in the Moffett Channel. These data were compared to the action levels used in the Northern Channel FS (Tetra Tech 2003).

The second objective was to identify property ownership in the Moffett Channel and Northern Channel areas. During the development of the FS for the Northern Channel (Tetra Tech 2003), property ownership along the Northern Channel and adjacent areas, such as the Moffett Channel, was not clearly understood. In this technical memorandum, information from a chain of title search for area properties is examined to provide a better representation of property ownership in the area (PDS Enterprises 2001).

1.3 OVERVIEW OF REPORT

This technical memorandum is divided into five sections. Section 1.0 provides the purpose and scope of the memorandum and background information on the Moffett Channel and its relationship to the Northern Channel. Section 2.0 evaluates the sediment data that was collected in the Moffett Channel during the May 2002 sampling event. Section 3.0 presents a discussion of property ownership in the Moffett Channel and Northern Channel areas. Sections 4.0 and 5.0 present the conclusions and references, respectively.

2.0 MOFFETT CHANNEL SEDIMENT SAMPLING

As stated in the Northern Channel data gaps investigation field work plan (Tetra Tech 2002) sediment samples were collected from the Moffett Channel at 11 sample locations. Three samples were to be collected vertically at each sample location: an upper interval sample (0 to 1 foot), a middle interval sample (1 to 3 feet) and a clay sample (1 foot into the native clay). Sediment cores were collected from the Moffett Channel using a pneumatic vibrocore system. The vibrocore unit consisted of two contra-rotating motors inside an aluminum casing (vibrohead) that was mounted on a tripod. The tripod was, in turn, mounted to a floating platform. Two “spud” poles were driven into the sediment to anchor the platform. When energized, the motors produce a high-frequency vibration energy capable of penetrating most unconsolidated strata.

The vibrohead and 4-inch core barrel (with acetate sleeves) were lowered to a position just above the water/sediment interface at which point the system was energized. After full vibration was achieved, the corer was slowly lowered into the sediment, monitoring both the penetration and vertical orientation to collect cores of a specified length and representative depth. Upon reaching the desired depth, the vibration was ceased and the corer was retrieved. At that time, the core barrel was capped to minimize the opportunity for contamination or sample loss. Once on shore, the cutting shoe and sample catcher were removed and the acetate sleeve was removed from the core barrel. The recovered core was then capped, labeled, and transferred to a processing station were it was extruded, visually inspected, measured, and sampled at the appropriate depth intervals. The Northern Channel field work plan (Tetra Tech 2002) contains additional details on the sampling procedure.

Several deviations from the original Northern Channel data gaps work plan occurred during the Northern Channel field investigation in May 2002. Vibrocoring locations were relocated in the field using professional judgment to collocate each boring with the actual locations of outfalls and depositional areas within the channel. Several locations were also relocated due to access problems with the vibrocore barge and health and safety issues presented by tidal influence in the channel. The clay sample interval was not sampled at the 11 locations due to vibrocore refusal and where the sediment thickness was greater than 5 feet.

Concrete was encountered at the bottom of the channel at locations SDMC-01 through SDMC-04, and only two discrete sample intervals were collected for the 0 to 1 and 1 to 3 foot intervals. For locations SDMC-05 through SDMC-11, clay was not encountered because the sediment thickness was greater than 8 feet. Sediment cores at these locations were approximately 7 feet in length. Therefore, the third sample interval collected at these locations was a lower sediment layer, generally collected as a composite sample from 3 to 5 feet. The analytical suite for all sediment samples included PCBs, pesticides, and metals.

2.1 NATURE AND EXTENT OF CONTAMINATION

Sediment data collected from the Moffett Channel were compared to site-specific action levels that were developed for the Northern Channel. A more detailed description of the development of the action levels was presented in the Northern Channel FS (Tetra Tech 2003). The overall remedial goal or remedial action objective (RAO) for the Northern Channel sediment is described in the report as follows:

> "Reduce the direct exposure of ecological receptors to PCBs (total Aroclors), pesticides (total DDT and total chlordane), and metals in sediment to levels that are protective of upper-trophic-level receptors in the Northern Channel. By protecting these receptors, lower-trophic-level receptors such as benthic invertebrates, as well as human health, will be protected in the Northern Channel area."

Action levels for each COEC are presented in the following list:

Total Aroclors	350 micrograms per kilogram (µg/kg)
Total DDT	64.8 µg/kg
Total chlordane	931 µg/kg
Cadmium	184 mg/kg
Lead	173 mg/kg
Mercury	1.52 mg/kg
Selenium	0.926 mg/kg
Silver	13.7 mg/kg
Zinc	720 mg/kg

The action level for each COEC is based on potential risks that could occur if receptors are exposed to buried sediments.

The analytical results for sediment samples collected during the data gaps field investigation showed concentrations of PCBs and DDT exceeded site-specific action levels for the Moffett Channel. To compare total Aroclors to the respective action level, concentrations of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, and 1260 were summed to form a total Aroclor concentration (Table 2-1). The toxicological basis for this summation is provided in the FS for the Northern Channel (Tetra Tech 2003). In most cases, only Aroclor 1254 and Aroclor 1260 were detected; however, Aroclor 1248 was detected at sample location SDMC-05 (0 to 1 foot) and Aroclor 1232 was detected at sample location SDMC-07 (1 to 3 feet). For summing purposes, a value of one-half the method detection limit (MDL) was used as a proxy value for nondetections. MDLs for Aroclors (other than Aroclor 1254 and Aroclor 1260) ranged from 0.38 to 38 µg/kg.

The same procedure was undertaken to calculate total DDT (Table 2-2) and total chlordane (Table 2-3). Total DDT was calculated by summing dichlorodiphenyldichloroethane (DDD), dichlorodiphenyldichloroethene (DDE), and DDT. Total chlordane was calculated by summing alpha- and gamma-chlordane. The toxicological basis for these summations is provided in the FS for the Northern Channel (Tetra Tech 2003). In both summations, a value of one-half the MDL was used as a proxy value for results qualified as nondetections.

2.1.1 Pesticides

DDT, DDE, and DDD were consistently detected in sediment in the Moffett Channel and, when added together, at concentrations greater than the site-specific action level (64.8 µg/kg) at all 11 sample points, and at varying depths (Table 2-2). DDT, DDE, and DDD were detected in the middle interval (1 to 3 feet) at all but one sample point location (SDMC-08), with a maximum concentration of total DDT of 361 µg/kg at sample location SDMC-05. DDT, DDE, and DDD in the upper interval (0 to 1 foot) were detected at concentrations that, when added together, exceed the action level at sample point locations SDMC-01, and SDMC-04 through SDMC-06, with a maximum concentration of total DDT of 589 µg/kg at sample location SDMC-06. DDT, DDE, and DDD in the lower layer were detected at concentrations that, when added together, exceed the action level at six sample point locations, specifically, SDMC-05, SDMC-06, and SDMC-08 through SDMC-11. The maximum concentration of total DDT was 249 µg/kg at SDMC-06. Maximum concentrations in all three layers were located at sample locations SDMC-05 and SDMC-06.

The highest number of detections of DDT, DDE, and DDD that, when added together, exceed the action level for total DDT, appears to be in samples collected from the middle interval (1 to 3 feet). However, lower depth samples could not be obtained from four sample point locations (SDMC-01 through SDMC-04), making a comparison between the middle and lower depth intervals somewhat difficult. Figure 2-1 presents the results by depth and sample location.

Alpha and gamma chlordane were also detected in sediment in the Moffett Channel as summarized in Table 2-3; however, concentrations of alpha and gamma chlordane when added together, did not exceed the site-specific action level (931 µg/kg). The summed concentration of chlordane was the highest in the upper layer at sample location SDMC-05 (320 µg/kg).

2.1.2 PCBs (Total Aroclors)

Aroclors (particularly Aroclor 1254 and 1260), were detected in sediment at a moderately high number of sample locations in the Moffett Channel. Concentrations of total Aroclors exceeded the action level (350 µg/kg) in the middle interval (1 to 3 feet) at sample locations SDMC-01, SDMC-05, and SDMC-09. The maximum concentration of total Aroclors (the summation of all detected Aroclors), 656 µg/kg, was detected at sample location SDMC-01. The summed concentrations of total Aroclors in the upper interval were above the action level at sample point locations SDMC-05, SDMC-06, and SDMC-11, with the maximum summed concentration at SDMC-06 (1,601 µg/kg). In the lower interval (3 to 4 feet), total Aroclor summed concentrations did not exceed the action level at any location. The maximum detected concentration of Aroclor 1254 in the lower depth interval was 200 µg/kg at sample location SDMC-05. In general, the greatest concentrations of Aroclors were detected in samples collected at sample locations SDMC-01, SDMC-05, and SDMC-06. Figure 2-2 and Table 2-1 presents these results by depth and sample location.

2.1.3 PCBs (Congeners)

To better characterize the nature and extent of PCB contamination in the Moffett Channel, sediment samples were analyzed for PCB congeners as well as for Aroclors. Samples were collected for congener analyses at all locations and depths sampled within the Moffett Channel (Table 2-4). Samples were analyzed using the U.S Environmental Protection Agency (EPA) Method 8082 (gas chromatography with electron capture detection for 26 congeners ranging from PCB 18 (2,2,5'-trichlorobiphenyl) through PCB 209 (decachlorobiphenyl). A qualitative, graphical evaluation of the congener data was performed in a manner similar to the data gaps investigation performed during the Northern Channel FS. The reader is referred to Appendix D of the final FS report for additional information concerning the background and approach for the congener evaluation (Tetra Tech 2003).

2.1.3.1 Comparisons Involving Congener and Aroclor Data

Figure 2-3 shows typical distributions (in weight percent) of the target congeners in the Aroclor mixtures of primary interest, as obtained from Frame, Cochran, and Boewadt (1996) (see also the EPA PCB website at www.epa.gov/pcb) (EPA 2003). As shown, PCB congeners 138, 153, 170, 180, and 187 are principal components of Aroclor 1260. Congeners 138 and 153 are also typically found in Aroclor 1254, along with congeners 101, 105, and 118. Typical Aroclor 1248 is characterized by lighter congeners ranging from PCB 18 to PCB 66.

2.1.3.2 Congener Patterns in Moffett Channel Samples

As was observed for the Aroclor data (Section 2.1.2 above), PCBs were most often identified in the samples collected from the 1- to 3-foot interval and the 3-foot to the clay layer interval. The greatest concentrations of individual congeners were observed at sample location SDMC-09, in the 3- to 4-foot interval (91 µg/kg) and sample location SDMC-05, in the 3- to 4.5-foot interval (66 µg/kg). Congener concentrations between 20 and 40 µg/kg were observed in the 1- to 3-foot interval samples collected at sample locations SDMC-05, SDMC-09, and SDMC-01. Figure 2-4 shows the congener patterns (that is, the relative congener concentrations) for these and other selected samples collected at depths greater than 1 foot in the Moffett Channel. Samples where congener patterns could not be reliably discerned due to low concentrations (less than 5 µg/kg) and a high proportion of nondetect values are not presented.

In general, Figure 2-4 indicates that the major congeners found in the Moffett Channel sediment samples are those associated with Aroclors 1260 and 1254. Significant contributions to the patterns are noted for most samples from PCBs 170, 180, and 187 (Aroclor 1260), PCBs 138 and 153 (Aroclors 1260 and 1254), and PCBs 101, 105, and 118 (Aroclor 1254). Relative to typical Aroclor congener patterns (Figure 2-3), the sediment samples tend to contain higher proportions of tetra- and penta-chlorinated congeners such as PCBs 66 and 123. These congeners are probably biodegradation breakdown products of heavy Aroclor mixtures such as Aroclor 1260 (Bedard and May 1996). For the majority of the samples, the congener data agree with the identifications made in the Aroclor analyses, which also identified Aroclors 1254 and 1260. However, the Aroclor analyses tended to identify the PCB mixture as either one Aroclor or the other, whereas a mixture of these Aroclors was apparent in congener data.

Relative to the other samples, samples from SDMC-07 and SDMC-10 at the eastern end of the study area were enriched in congeners typical of Aroclor 1254 in both the 1- to 3-foot and the 3- to 4-foot intervals. These sample data also show increased proportions of less chlorinated PCB congeners typical of lighter Aroclor mixtures (such as Aroclors 1248 and 1232). This “broadening” of the congener distribution may indicate influences from tidal action or upgradient sources. In the case of sample location SDMC-07, the congener analysis concurs with the Aroclor analysis, which reported 170 µg/kg of Aroclor 1232 in the 1- to 3-foot sample.

The extent of congeners was much lower in the 0- to 1-foot interval samples than in the other depth ranges sampled. Only the sample from sample location SDMC-06, in the 0- to 1-foot interval, contained congener concentrations comparable to the other depth intervals, ranging up to 40 µg/kg. The congener pattern for this sample primarily resembled weathered Aroclor 1260, but with contributions from lighter mixtures such as Aroclors 1254 and 1248. This sample was actually quantitated as Aroclor 1248 (at 350 µg/kg, just above the sample reporting limit) in the Aroclor analysis (see Section 2.1.2). At the other sample locations in the Moffett Channel, detections in the 0- to 1-foot interval were very low (1 µg/kg or less in most samples), and although congeners of weathered Aroclor 1260 again appeared to be present at some locations, a dominant congener pattern could not be discerned at most locations.

In terms of concentration, the comparability of the PCB congener data to the Aroclor data was complicated by the sample reporting limits of the Aroclor results, which were 10 to 100 times higher than the congener results. In general, the reported Aroclor concentration in a given sample was also significantly higher than the sum of the PCB congeners detected. For example, 1,601 µg/kg of Aroclor 1254 was reported in the sample from SDMC-06, in the 0- to 1-foot interval, whereas the sum of all PCB congeners detected in this sample was 350 µg/kg. Similarly, 501 µg/kg of Aroclor 1254 was reported in the sample from SDMC-05 (no other Aroclors were detected), in the 1- to 3-foot interval, whereas the sum of all PCB congeners detected in this sample was 271 µg/kg.

It is important to note that comparisons between "typical" congener patterns, such as those shown in Figure 2-3, and environmental samples must be considered carefully. There can be significant variability in the congener ratios of different batches of the same commercial Aroclor mixture. Moreover, the action of physico-chemical and/or biological processes ("weathering") on environmental samples may alter the congener distributions. For example, anaerobic dechlorination may preferentially act on congeners found in Aroclor 1260, reducing levels of PCBs 170 and 180 and increasing levels of PCB 138 (Bedard and Quensen 1995). Thus, while general comparisons can be drawn between the congener results and Aroclor results for the data gaps investigation, significant variability may exist in congener patterns and ratios for specific samples.

2.1.4 Metals

Cadmium, lead, mercury, selenium, silver, and zinc were not detected at concentrations greater than the respective action levels in the upper, middle, or lower intervals (Table 2-5 through 2-10)

3.0 PROPERTY OWNERSHIP IN THE NORTHERN CHANNEL AND MOFFETT CHANNEL AREAS

Information regarding ownership of properties in the vicinity of the Moffett Channel and the Northern Channel was obtained through a chain of title search extending back to circa 1928 (PDS Enterprises 2001). The chain of title for area properties indicates that the property associated with Assessor's parcel numbers (APN) 015-35-026 and 015-35-027 (see Appendix A and Figures 3-1 through 3-5) was transferred from the Spring Valley Water Company to the Alviso Salt Company on August 24, 1927. On June 28, 1938, the Leslie Salt Company purchased the land from the Alviso Salt Company. A 1978 merger transferred the title to Cargill Incorporated (Inc.) until May 25, 2000, when parcel 015-35-026 was transferred to the Santa Clara Valley Water District (SCVWD). A small section of land located at the southwest corner of APN 015-35-026 was reserved from the sale when SCVWD purchased the rest of the property associated with APN 015-35-026 from Cargill Inc. Parcels 015-35-003 and 015-35-007 were purchased by the City of Sunnyvale, California for the city POTW in 1958, and parcel 015-35-021 was purchased by the City of Sunnyvale, in 1968 (Appendix A and Figures 3-1 through 3-5).

In 2003, Cargill Inc. sold the majority of parcel 015-35-027 to the United States Fish and Wildlife Service (USFWS). A strip of land located at the southern property limit of parcel 015-35-027 was excluded from sale to the USFWS (Appendix A and Figures 3-1 through 3-5). Specific details on this sale were not available for inclusion in this technical memorandum.

Information regarding the history of land ownership to the south of the Northern Channel, including parcels owned by the United States of America, Lockheed Missiles and Space Co., and the City of Sunnyvale (Figures 3-1 through 3-4) were not researched and were not the focus of this research.

4.0 CONCLUSIONS

There were two primary objectives associated with the development of this technical memorandum. The first objective was to evaluate the contamination found in the Moffett Channel by comparing concentrations of identified contaminants of ecological concern (COECs) to established action levels. Both the COECs and their respective action levels were identified in the recently completed FS (Tetra Tech 2003) for the Northern Channel. Polychlorinated biphenyls (PCBs) were evaluated by considering not only specific Aroclors found in samples, but also by identifying PCB congeners for each sample.

Sample results at varying depths from 11 locations in the Moffett Channel were presented in this technical memorandum. Dichlorodiphenyltrichloroethane (DDT), dichlorodiphenyldichloroethene (DDE), and dichlorodiphenyldichloroethane (DDD) were detected in a number of sediment samples. When the individual compound concentrations were added together as a conservative estimate of the total DDT concentration, the resulting concentration was greater than the site-specific action level at all 11 sample points, at varying depths.

Aroclors were also detected in a number of samples and when added together, total Aroclors were only sporadically greater than the action level for total Aroclors (350 µg/kg) in the middle (1 to 3 feet) and upper (0 to 1 foot) sample intervals. The congener analyses suggested that Aroclors 1254 and 1260 were the dominant Aroclors found in the Moffett Channel. Although the PCB congener analyses supported the identification of Aroclors 1254 and 1260 as the primary Aroclors in the Moffett Channel, the analyses also indicated that mixtures of these Aroclors were present and that some weathering of the Aroclors had occurred. Potential trends associated with the distributions and possible sources of the concentrations of PCBs (total Aroclors) by location were difficult to define because of sediment redistribution by the tidal effects found in the Moffett Channel and the many potential inputs to the channel.

The other seven COECs, total chlordane (a summation of alpha and gamma chlordane), cadmium, lead, mercury, selenium, silver, and zinc were found at concentrations below their respective action levels.

The second objective was to identify landowners in the vicinity of the Moffett Channel and Northern Channel. This objective was accomplished by reviewing chain of title information for the area. A series of maps (Figures 3-1 through 3-5) developed from information on Santa Clara County Assessor’s parcel maps and recent topographic surveys maps of the area (Santa Clara County, California 2002, Fremont Engineers Inc. 2003) present the relative locations of the parcels and identify the parcel owners. These maps provide a visual aid for understanding property ownership in the area.

5.0 REFERENCES

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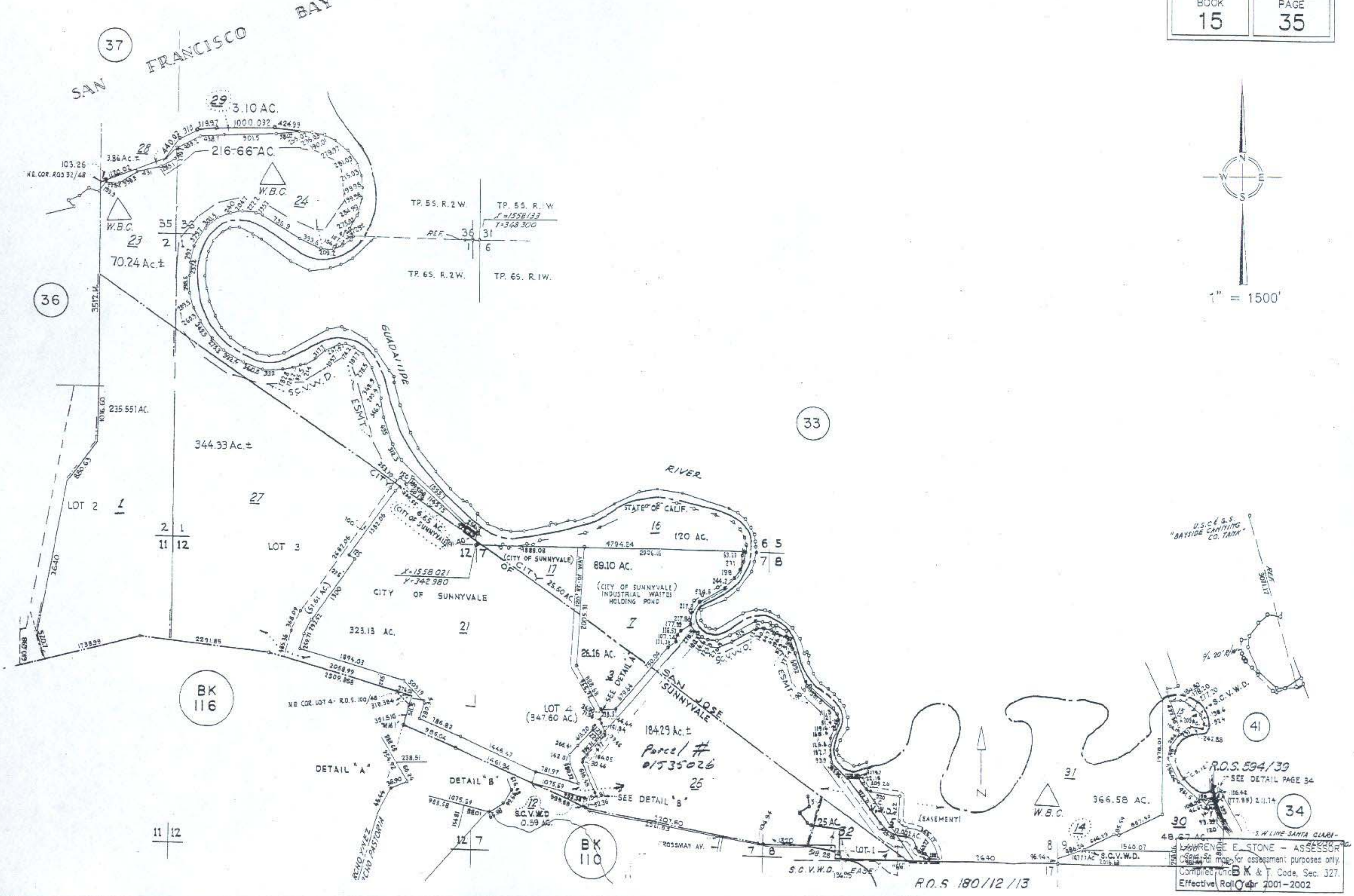
APPENDIX A
ASSESSOR'S PARCEL MAP FOR MOFFETT CHANNEL AREA

ASSESSOR — SANTA CLARA COUNTY, CALIFORNIA

BOOK	PAGE
15	35



LAWRENCE E. STONE – ASSESSOR
Cadastral map for assessment purposes only.
Compiled under R. & T. Code, Sec. 327.
Effective Roll Year 2001–2002

FIGURES

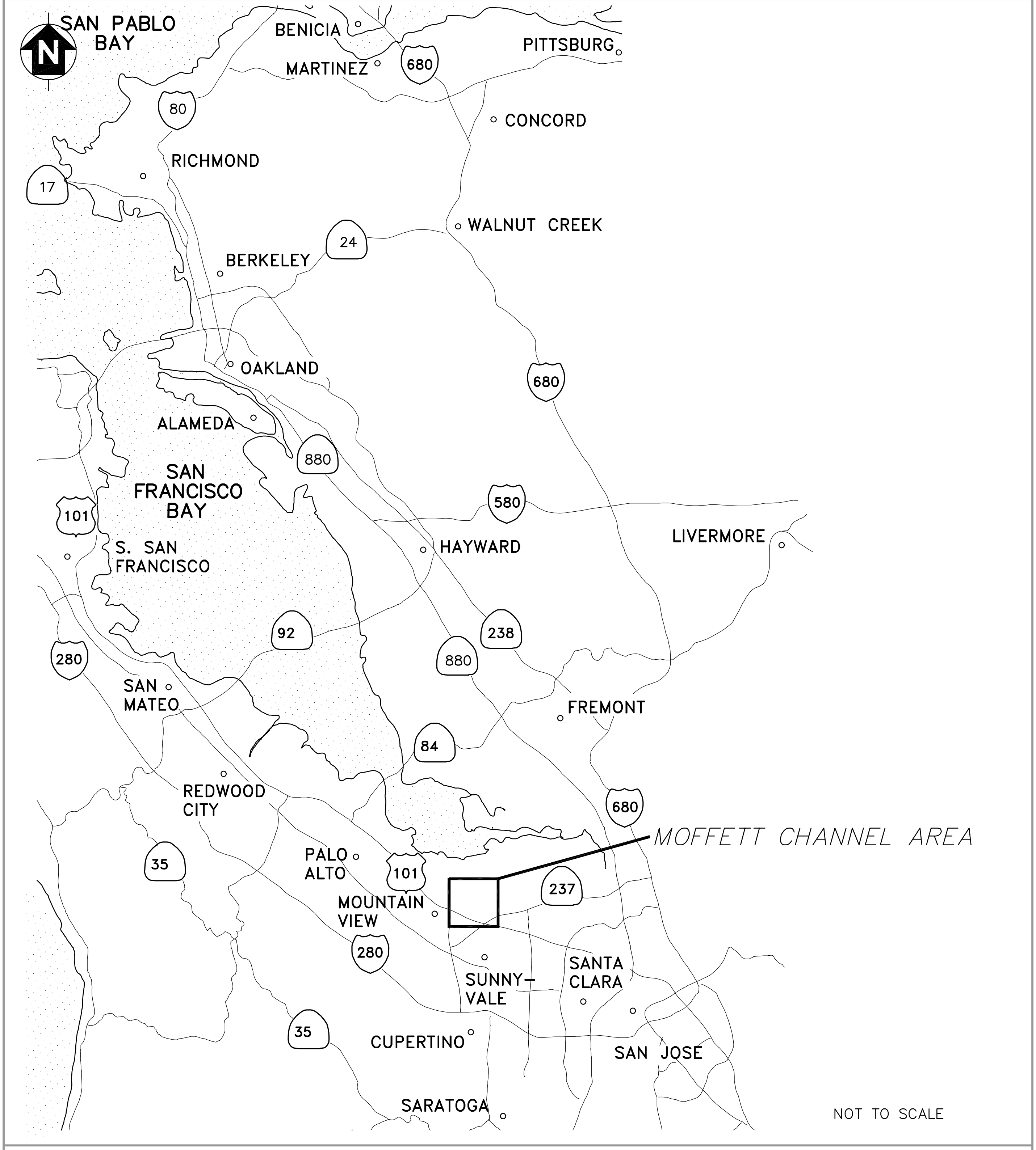


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FIGURE 1-1
REGIONAL LOCATION MAP

Moffett Channel Technical Memorandum
DS.A048.12971

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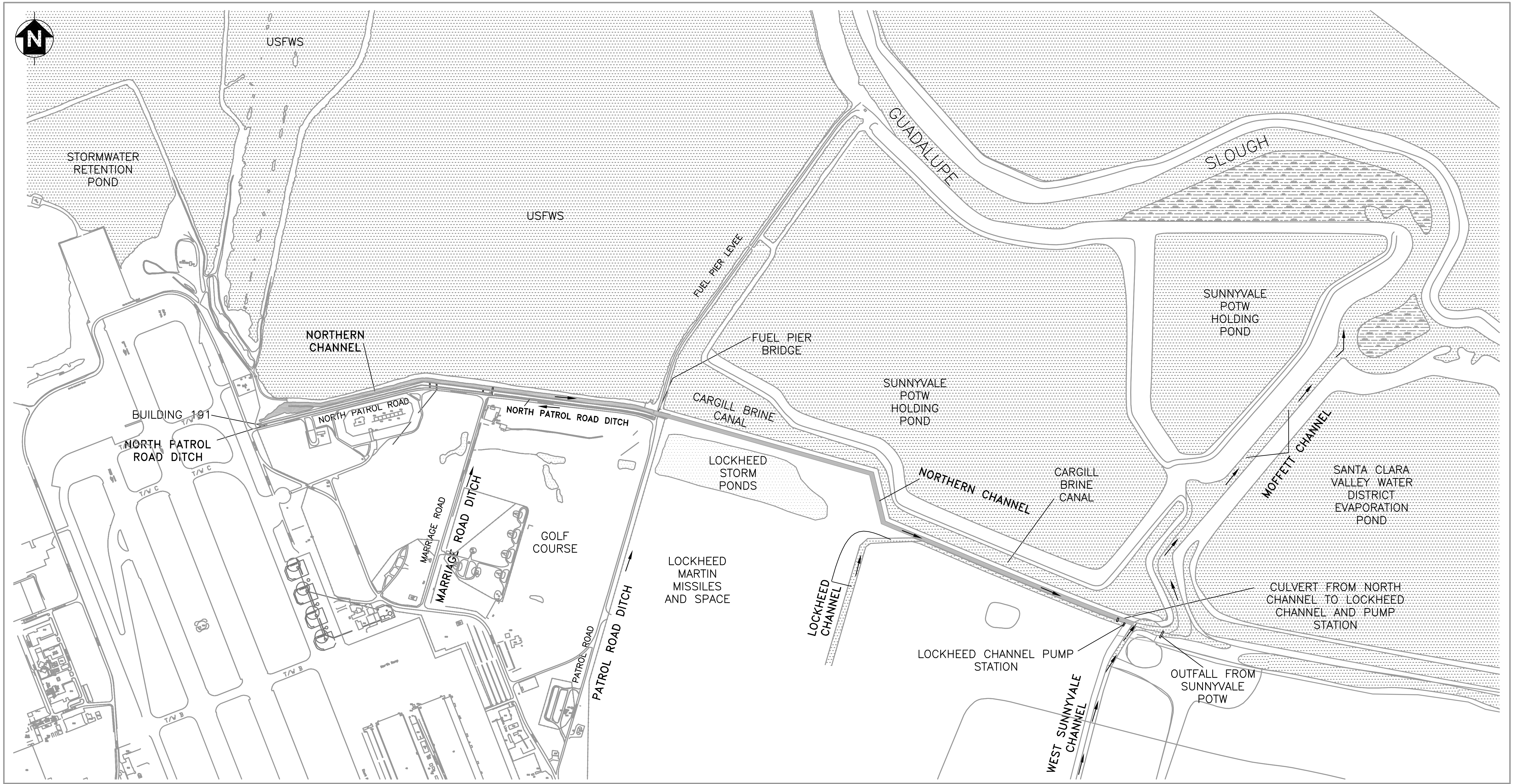

LEGEND

→ DIRECTION OF FLOW

▨ SURFACE WATER

▨ MARSH LAND

NOTE:
USFWS = UNITED STATES FISH AND WILDLIFE SERVICE
POTW = PUBLICLY OWNED TREATMENT WORKS

500 0 500 1,000
Scale: 1" = 1,000'

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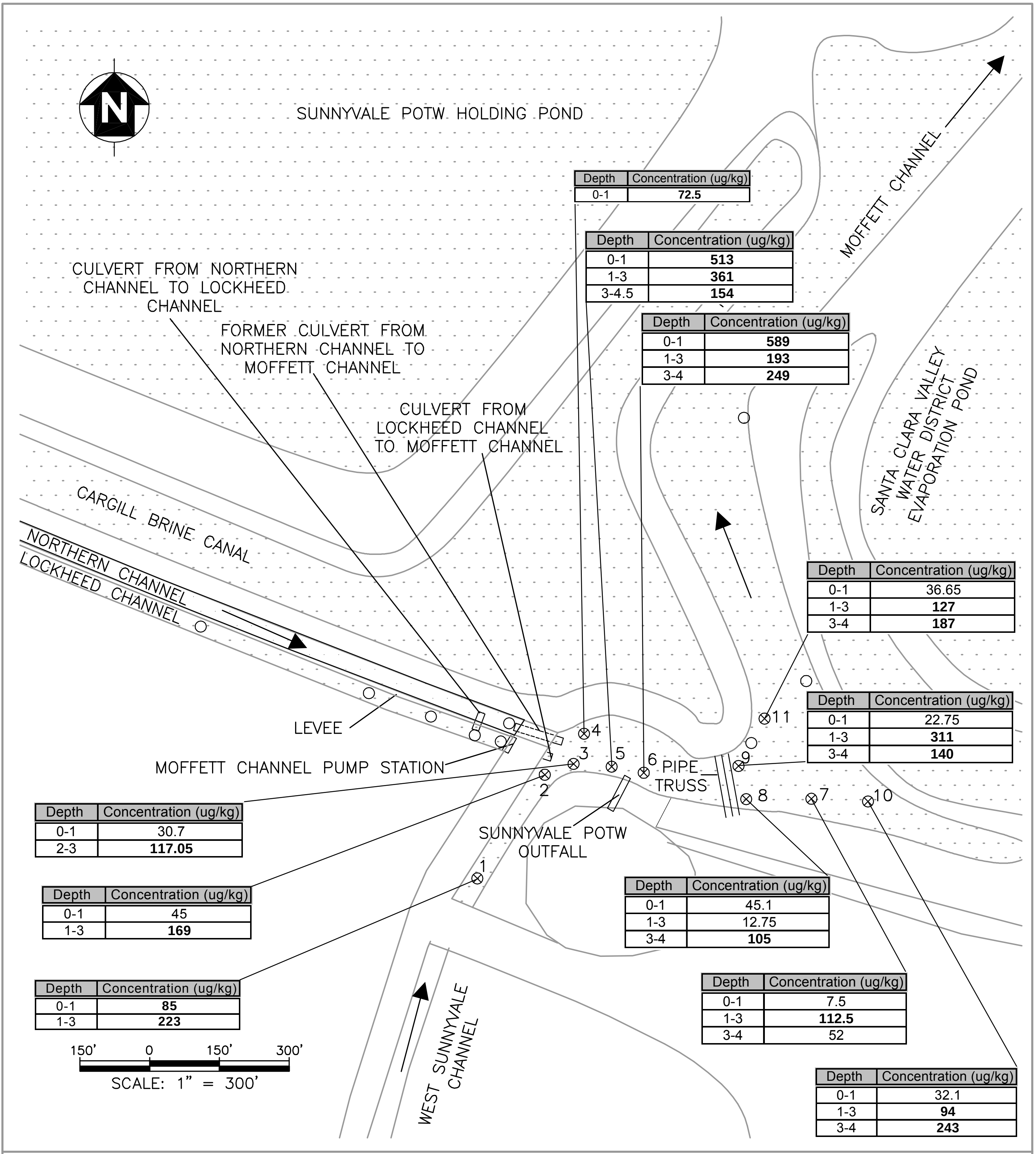
U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 1-2
NORTHERN CHANNEL AND MOFFETT CHANNEL LOCATION MAP

Moffett Channel Technical Memorandum
DS.A048.12971

Feb 11, 2003 r:\navy\moffet\cto226\feasibility study\figure1-2 site_loc_bf.dwg bf


SUNNYVALE POTW HOLDING POND
MOFFETT CHANNEL
CULVERT FROM NORTHERN CHANNEL TO LOCKHEED CHANNEL
FORMER CULVERT FROM NORTHERN CHANNEL TO MOFFETT CHANNEL
CULVERT FROM LOCKHEED CHANNEL TO MOFFETT CHANNEL
SANTA CLARA VALLEY WATER DISTRICT EVAPORATION POND
CARGILL BRINE CANAL
NORTHERN CHANNEL
LOCKHEED CHANNEL
LEVEE
MOFFETT CHANNEL PUMP STATION
SUNNYVALE POTW OUTFALL
PIPE TRUSS
WEST SUNNYVALE CHANNEL
1
2
3
4
5
6
7
8
9
10
11
150'
0
150'
300'
SCALE: 1" = 300'

Depth	Concentration (ug/kg)
0-1	**72.5**

Depth	Concentration (ug/kg)
0-1	**513**
1-3	**361**
3-4.5	**154**

Depth	Concentration (ug/kg)
0-1	**589**
1-3	**193**
3-4	**249**

Depth	Concentration (ug/kg)
0-1	36.65
1-3	**127**
3-4	**187**

Depth	Concentration (ug/kg)
0-1	22.75
1-3	**311**
3-4	**140**

Depth	Concentration (ug/kg)
0-1	30.7
2-3	**117.05**

Depth	Concentration (ug/kg)
0-1	45
1-3	**169**

Depth	Concentration (ug/kg)
0-1	45.1
1-3	12.75
3-4	**105**

Depth	Concentration (ug/kg)
0-1	**85**
1-3	**223**

Depth	Concentration (ug/kg)
0-1	7.5
1-3	**112.5**
3-4	52

Depth	Concentration (ug/kg)
0-1	32.1
1-3	**94**
3-4	**243**

LEGEND

○ INITIAL SEDIMENT SAMPLE LOCATION – JANUARY 2002
⊗ ACTUAL SEDIMENT SAMPLE LOCATION – MAY 2002
→ DIRECTION OF FLOW
▨ SURFACE WATER

Notes:
Total DDT is the sum of DDD, DDE, and DDT
Depth in feet
POTW = Publicly owned treatment works
(u/kg) = micrograms per kilogram
Bolded concentrations exceed the RAO for Total DDT (64.8 ug/kg)

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U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 2-1
MOFFETT CHANNEL
TOTAL DDT CONCENTRATIONS

Moffett Channel Technical Memorandum
DS.A048.12971

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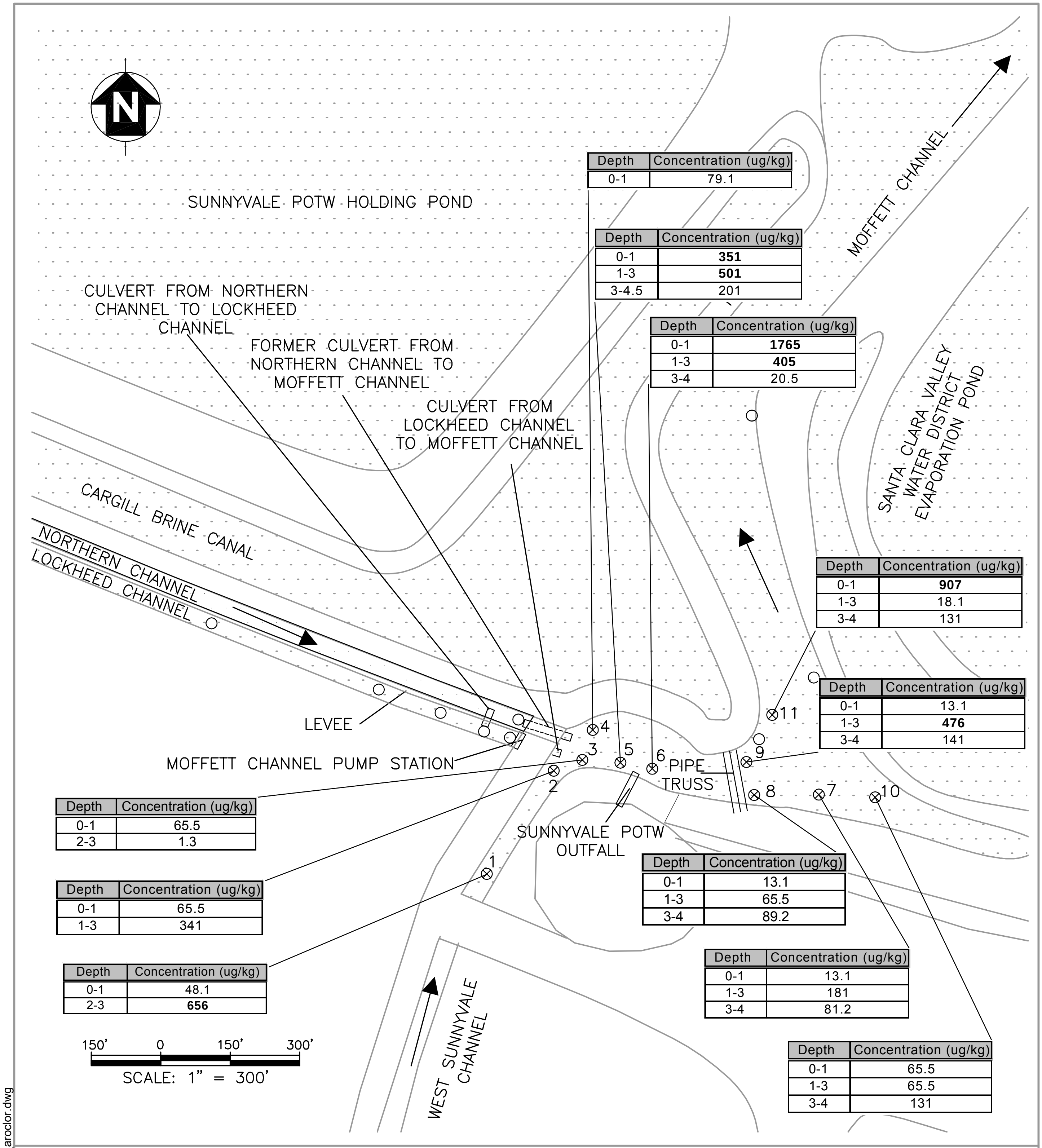
N
SUNNYVALE POTW HOLDING POND
MOFFETT CHANNEL
SANTA CLARA VALLEY WATER DISTRICT EVAPORATION POND
CULVERT FROM NORTHERN CHANNEL TO LOCKHEED CHANNEL
FORMER CULVERT FROM NORTHERN CHANNEL TO MOFFETT CHANNEL
CULVERT FROM LOCKHEED CHANNEL TO MOFFETT CHANNEL
CARGILL BRINE CANAL
NORTHERN CHANNEL
LOCKHEED CHANNEL
LEVEE
MOFFETT CHANNEL PUMP STATION
1
2
3
4
5
6
7
8
9
10
11
PIPE TRUSS
SUNNYVALE POTW OUTFALL
WEST SUNNYVALE CHANNEL
150'
0
150'
300'
SCALE: 1" = 300'

Depth	Concentration (ug/kg)
0-1	79.1

Depth	Concentration (ug/kg)
0-1	**351**
1-3	**501**
3-4.5	201

Depth	Concentration (ug/kg)
0-1	**1765**
1-3	**405**
3-4	20.5

Depth	Concentration (ug/kg)
0-1	**907**
1-3	18.1
3-4	131

Depth	Concentration (ug/kg)
0-1	13.1
1-3	**476**
3-4	141

Depth	Concentration (ug/kg)
0-1	65.5
2-3	1.3

Depth	Concentration (ug/kg)
0-1	65.5
1-3	341

Depth	Concentration (ug/kg)
0-1	13.1
1-3	65.5
3-4	89.2

Depth	Concentration (ug/kg)
0-1	13.1
1-3	181
3-4	81.2

Depth	Concentration (ug/kg)
0-1	48.1
2-3	**656**

Depth	Concentration (ug/kg)
0-1	65.5
1-3	65.5
3-4	131

LEGEND

○ PROPOSED SEDIMENT SAMPLE LOCATION
⊗ ACTUAL SEDIMENT SAMPLE LOCATION – MAY 2002
→ DIRECTION OF FLOW
▨ SURFACE WATER

Notes:
Total Aroclor is the sum of Aroclor 1016, 1221, 1232, 1242, 1248,1254, and 1260
Bolded concentrations exceed the RAO for Total Aroclors (350 ug/kg)
Depth in feet
POTW = Publicly owned treatment works
(ug/kg) = micrograms per kilogram
* Aroclor 1248 was detected at 350 ug/kg at sample interval SDMC-05 and was added to the Total Aroclor concentration

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FIGURE 2-2
MOFFETT CHANNEL
TOTAL AROCLOR CONCENTRATIONS

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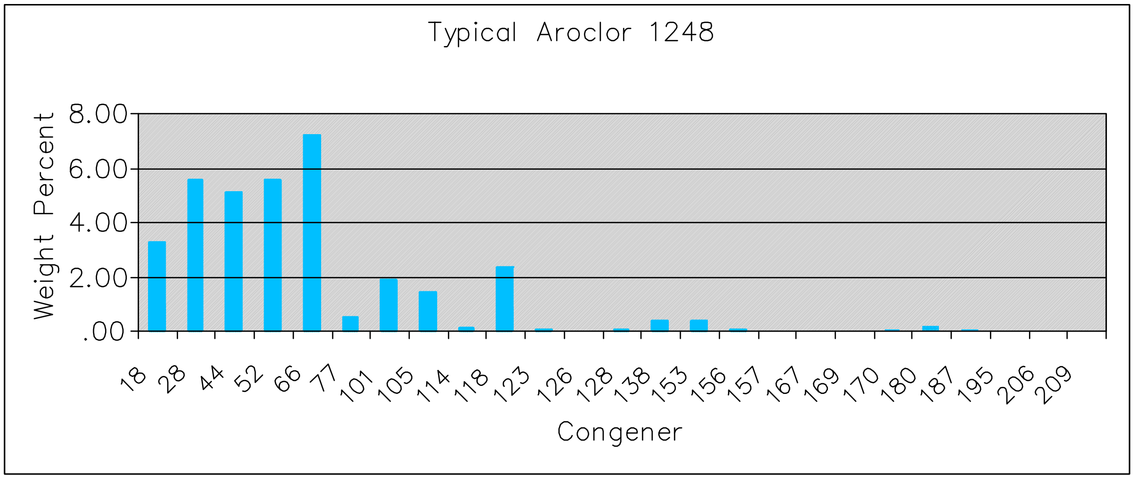
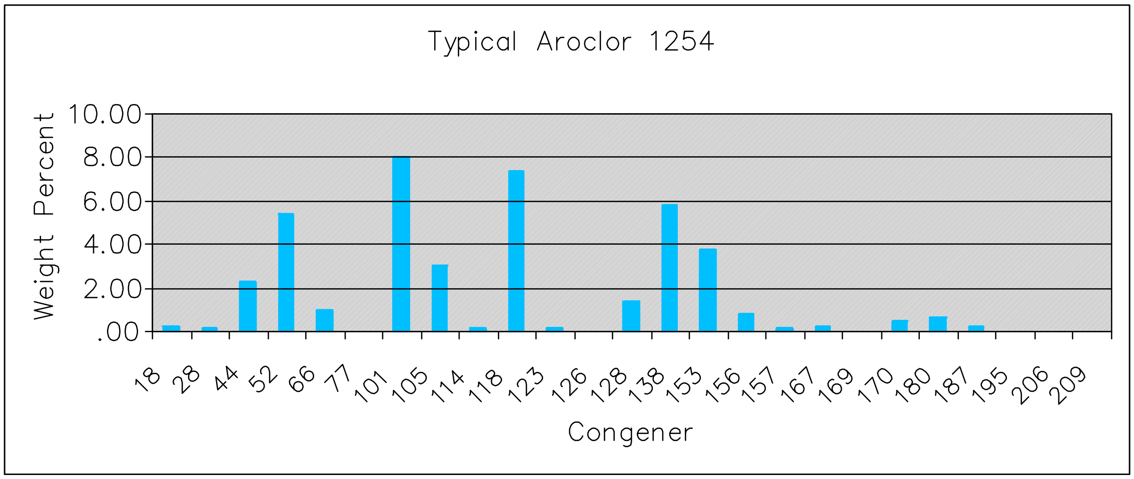
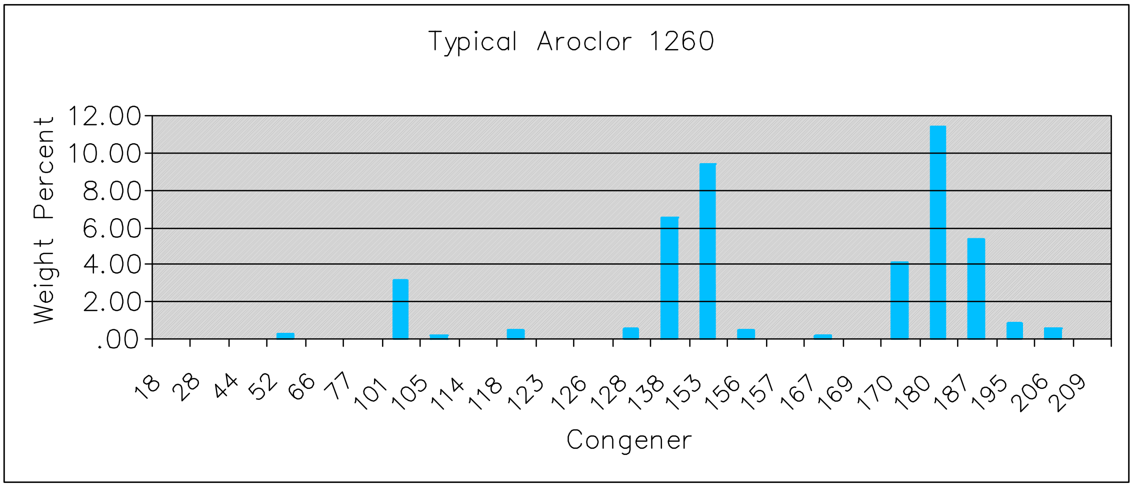
DS.A048.12971







Notes:
Aroclor plots are derived from weight percents published by Frame, et al. 1996.
Plots for Aroclors 1248 and 1254 are for commercial "1248g" and "1254g" mixtures.

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FIGURE 2-3
CONGENER DISTRIBUTIONS IN TYPICAL AROCLOR MIXTURES
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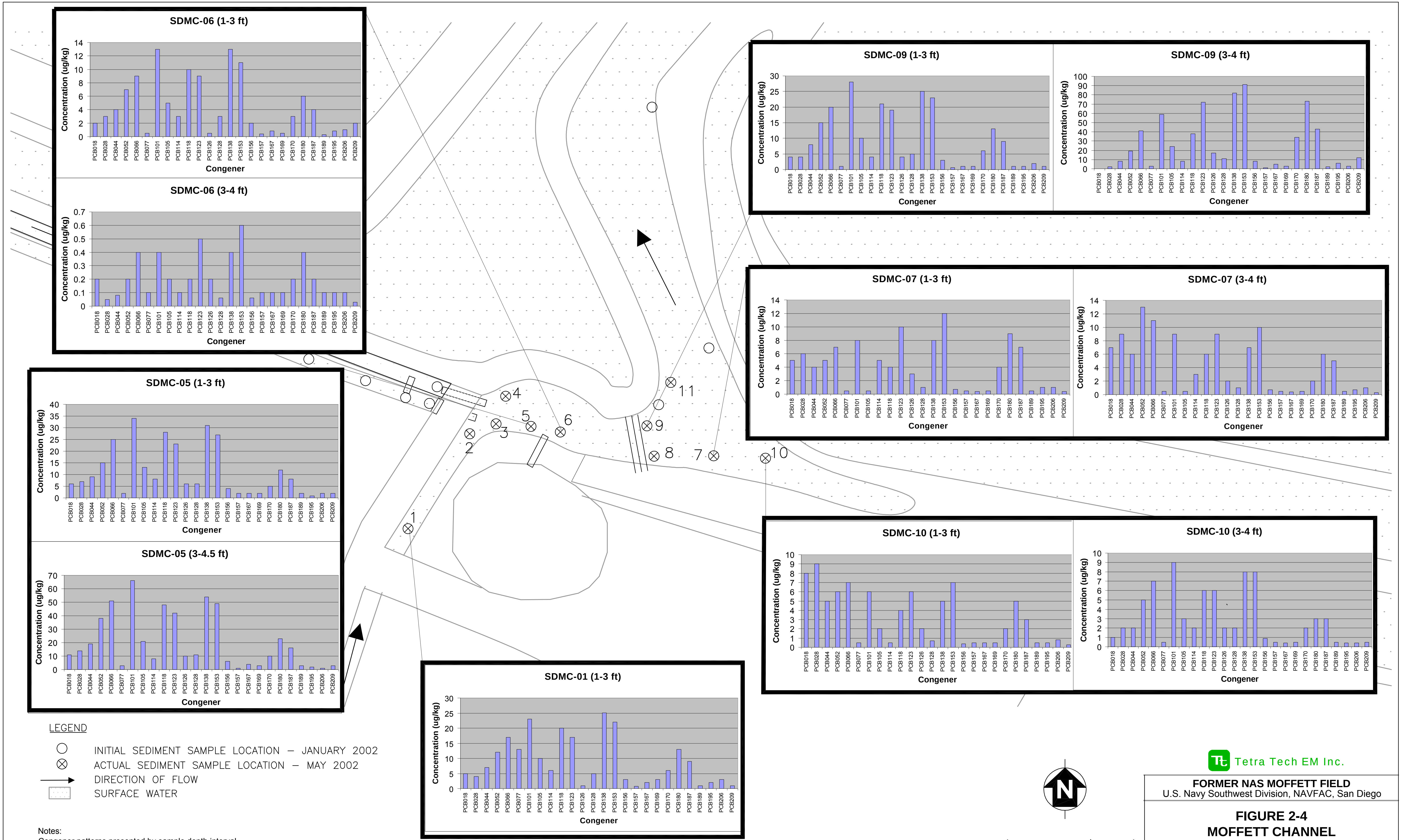
DS.A048.12971



LEGEND

○ INITIAL SEDIMENT SAMPLE LOCATION – JANUARY 2002
⊗ ACTUAL SEDIMENT SAMPLE LOCATION – MAY 2002
→ DIRECTION OF FLOW
▭ SURFACE WATER

Notes:
Congener patterns presented by sample depth interval

r:/navy/moffett/cto226/data gaps/ncsed_samp_congener.dwg

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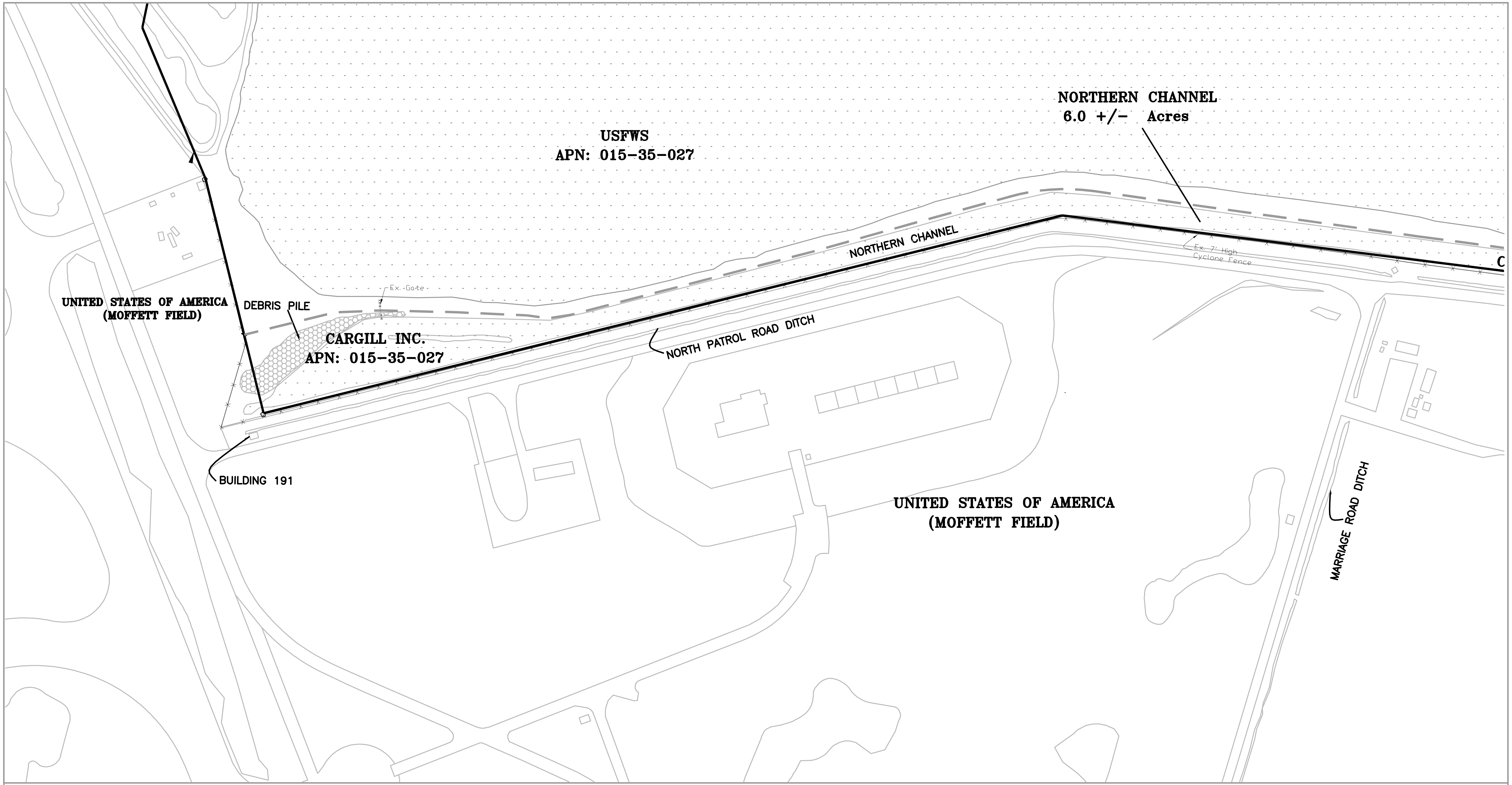
U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 2-4
MOFFETT CHANNEL
SELECTED CONGENER PATTERNS

Moffett Channel Technical Memorandum
DS.A048.12971



LEGEND

▬ PROPERTY LIMITS

– – APPROXIMATE PROPERTY LIMITS

–x–x–x– FENCE

▨ SURFACE WATER

▩ DEBRIS PILE

NOTES:
APN = Assessor's Parcel Number
USFWS = United States Fish and Wildlife Service
Property limit information based on limited topographic information prepared on behalf of Cargill Inc., by Fremont Engineers, Inc., and Santa Clara County Assessor's office parcel maps. Cargill Inc.'s topographic survey was not recorded and was a preliminary survey only. Information in the survey is not to be relied upon for setting property lines, but may be used as a reference for the general topographic conditions.

N

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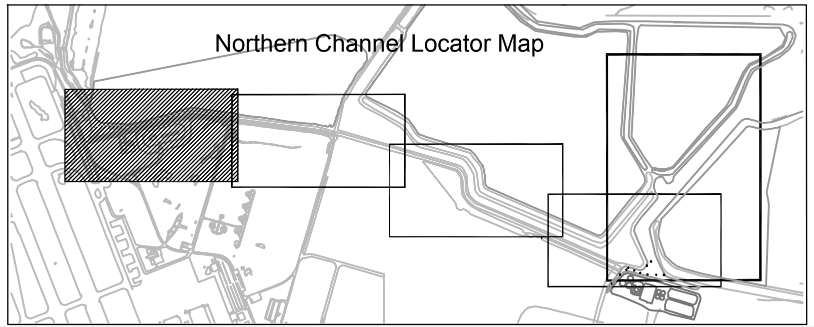
Scale: 1" = 200'



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U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 3-1
PROPERTY OWNERSHIP
(Map 1 of 5)

Moffett Channel Technical Memorandum
DS.A048.12971

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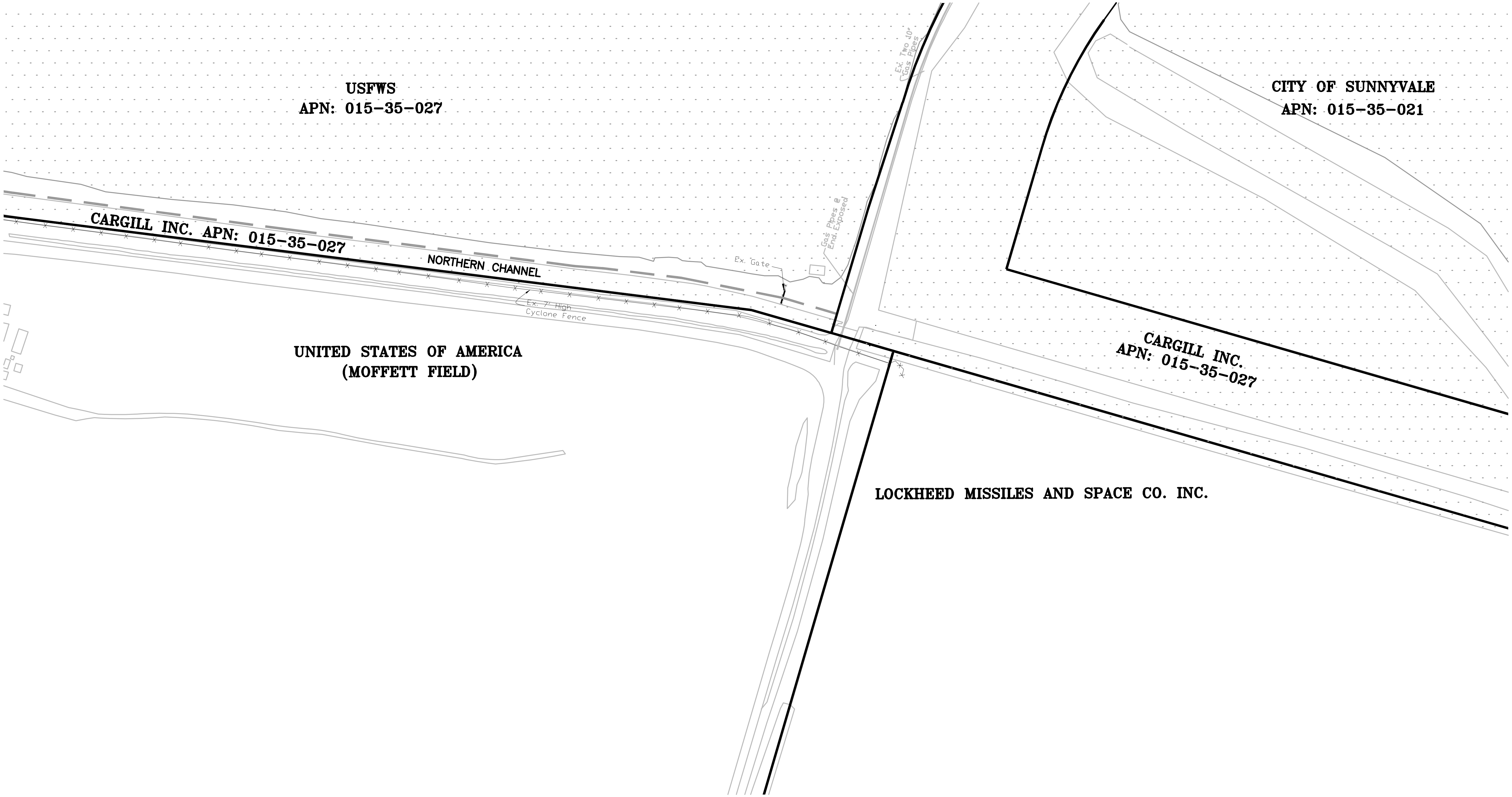

LEGEND

▬	PROPERTY LIMITS
‒ ‒ ‒	APPROXIMATE PROPERTY LIMITS
—x—x—x—	FENCE
⬚	SURFACE WATER

NOTES:
APN = Assessor's Parcel Number
USFWS = United States Fish and Wildlife Service
Property limit information based on limited topographic information prepared on behalf of Cargill Inc., by Fremont Engineers, Inc., and Santa Clara County Assessor's office parcel maps. Cargill Inc.'s topographic survey was not recorded and was a preliminary survey only. Information in the survey is not to be relied upon for setting property lines, but may be used as a reference for the general topographic conditions .

N

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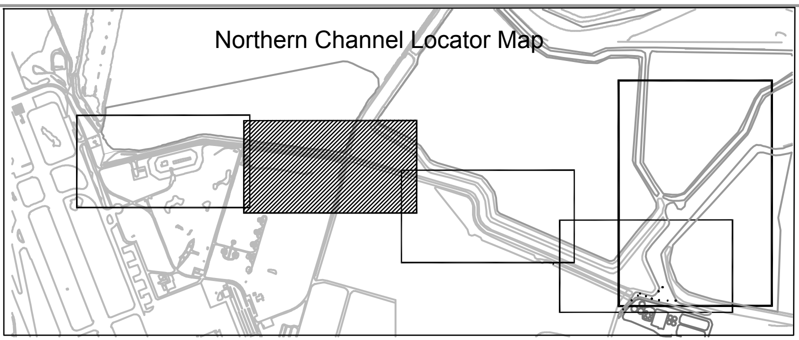
Scale: 1" = 200'



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U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 3-2
PROPERTY OWNERSHIP
(Map 2 of 5)
Moffett Channel Technical Memorandum
DS.A048.12971

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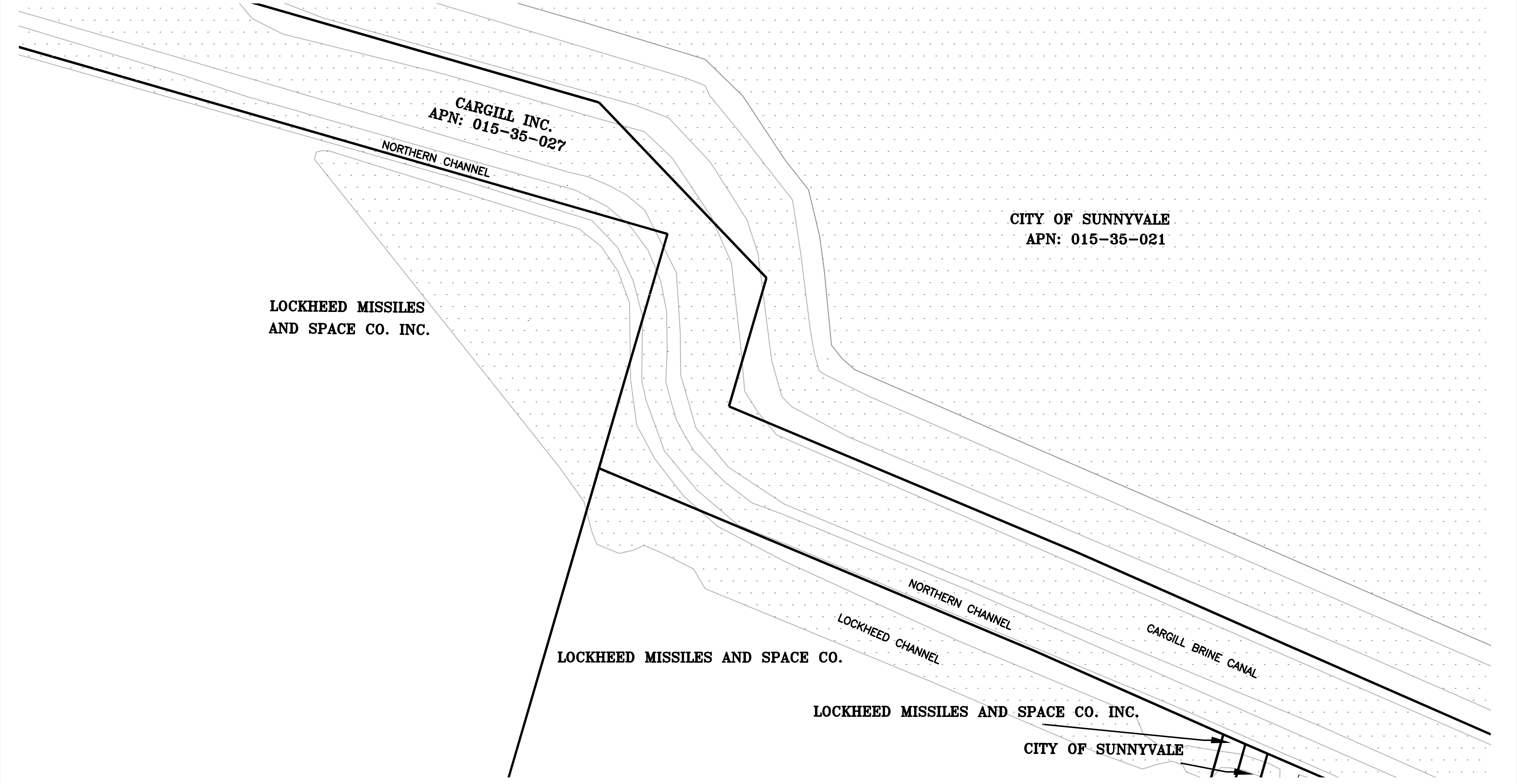


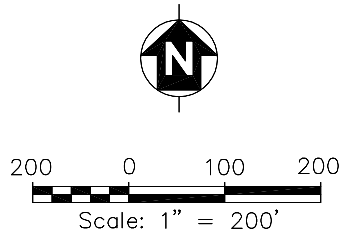
LEGEND

▬	PROPERTY LIMITS
—x—x—x—	FENCE
⬚	SURFACE WATER

NOTES:

APN = Assessor's Parcel Number

Property limit information based on limited topographic information prepared on behalf of Cargill Inc., by Fremont Engineers, Inc., and Santa Clara County Assessor's office parcel maps. Cargill Inc.'s topographic survey was not recorded and was a preliminary survey only. Information in the survey is not to be relied upon for setting property lines, but may be used as a reference for the general topographic conditions .



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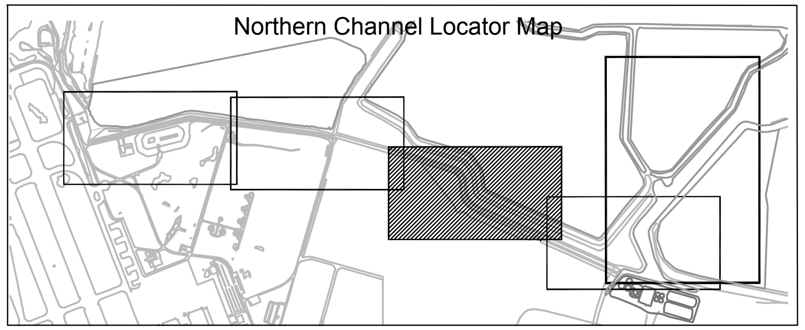

Northern Channel Locator Map

Tetra Tech EM Inc.

FORMER NAS MOFFETT FIELD

U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 3-3
PROPERTY OWNERSHIP
(Map 3 of 5)

Moffett Channel Technical Memorandum

DS.A048.12971

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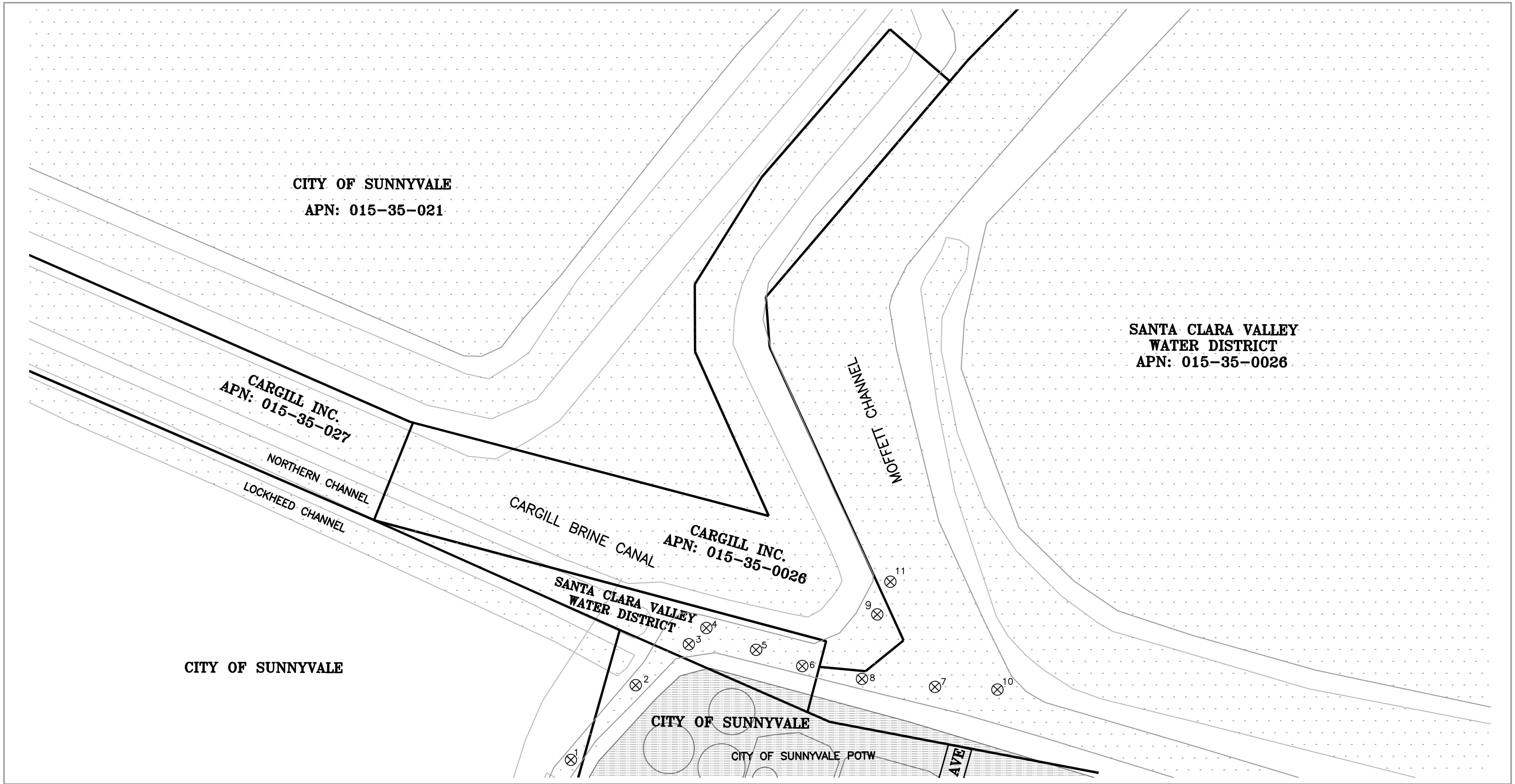


LEGEND

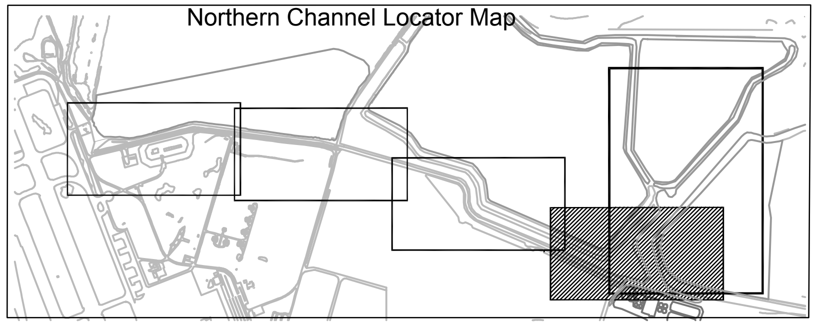
━━━	PROPERTY LIMITS
—x—x—x—	FENCE
⊗	ACTUAL SEDIMENT SAMPLE LOCATION – MAY 2002
⬚	SURFACE WATER
▤	CITY OF SUNNYVALE POTW

NOTES:
APN = Assessor's Parcel Number
Property limit information based on limited topographic information prepared on behalf of Cargill Inc., by Fremont Engineers, Inc., and Santa Clara County Assessor's office parcel maps. Cargill Inc.'s topographic survey was not recorded and was a preliminary survey only. Information in the survey is not to be relied upon for setting property lines, but may be used as a reference for the general topographic conditions .

N

200 0 100 200
Scale: 1" = 200'

Northern Channel Locator Map



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U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 3-4
PROPERTY OWNERSHIP
(Map 4 of 5)
Moffett Channel Technical Memorandum
DS.A048.12971

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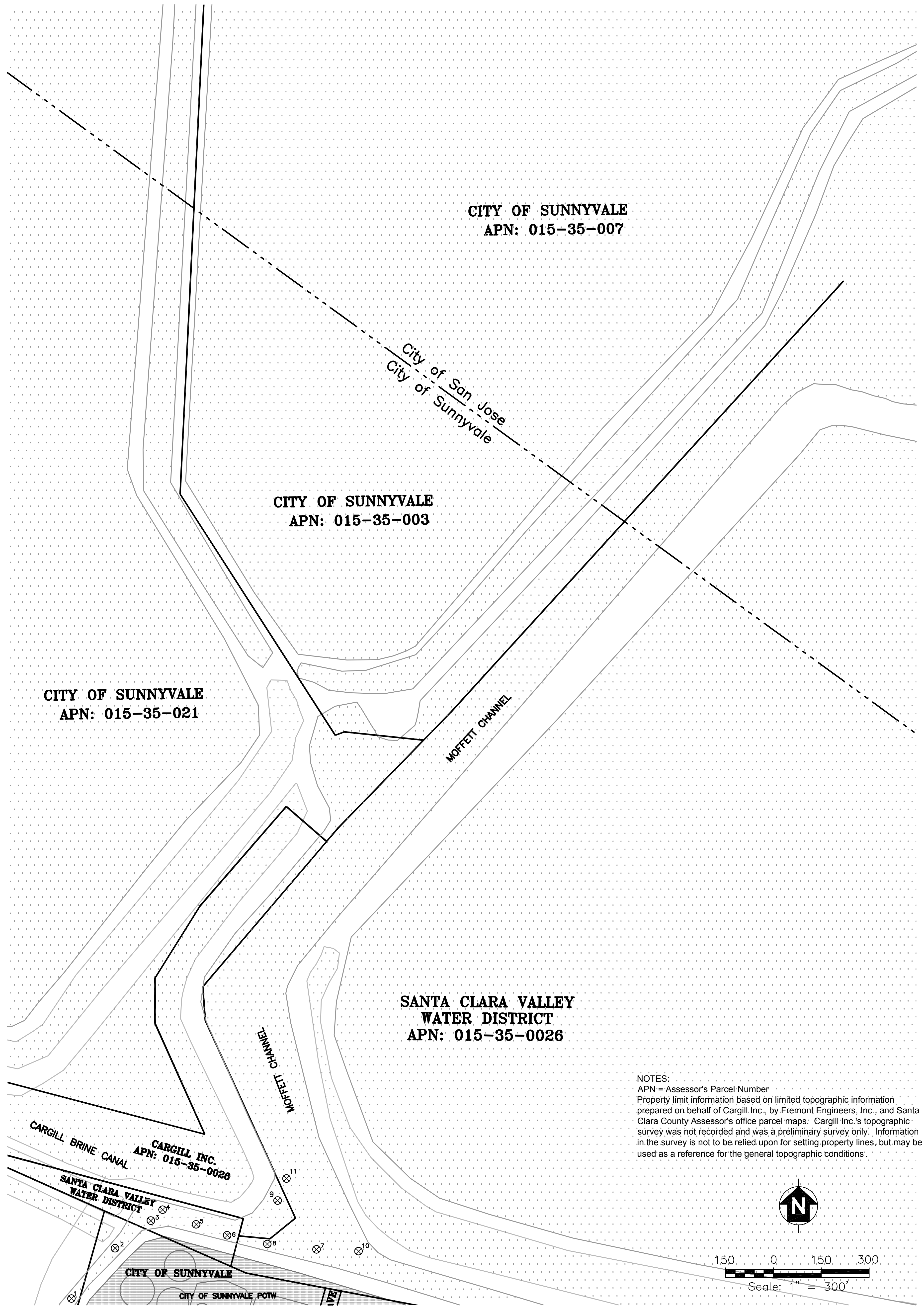
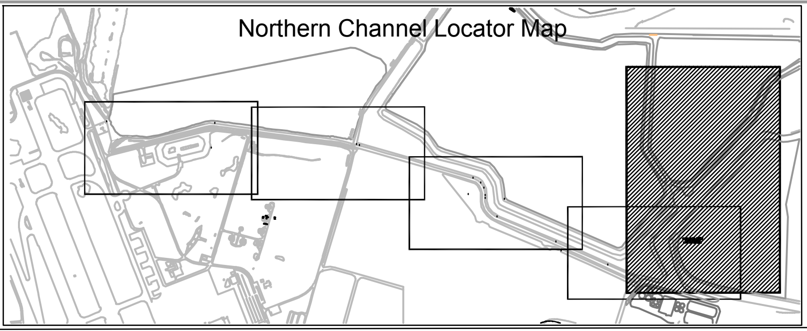


NOTES:
APN = Assessor's Parcel Number
Property limit information based on limited topographic information prepared on behalf of Cargill Inc., by Fremont Engineers, Inc., and Santa Clara County Assessor's office parcel maps. Cargill Inc.'s topographic survey was not recorded and was a preliminary survey only. Information in the survey is not to be relied upon for setting property lines, but may be used as a reference for the general topographic conditions.

LEGEND

━━━	PROPERTY LIMITS
─── - -	CITY LIMITS
─×─×─×─	FENCE
⊗	ACTUAL SEDIMENT SAMPLE LOCATION – MAY 2002
⁚⁚⁚	SURFACE WATER
▤	CITY OF SUNNYVALE POTW


Northern Channel Locator Map

Tetra Tech EM Inc.

FORMER NAS MOFFETT FIELD
U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 3-5
PROPERTY OWNERSHIP
(Map 5 of 5)

Moffett Channel Technical Memorandum
DS.A048.12971

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TABLES

TABLE 2-1: TOTAL AROCLORS BY SAMPLE POINT (μg/kg)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Sample Point	Lower [1]	Middle [2]	Upper [3]	RAO[4]
SDMC-01	NA	**656**	46.1	350
SDMC-02	NA	341	65.5	350
SDMC-03	NA	1.3	65.5	350
SDMC-04	NA	NA	79.1	350
SDMC-05	201	**501**	**351**	350
SDMC-06	5	241	**1,601**	350
SDMC-07	81	181	13.1	350
SDMC-08	89	65.5	13.1	350
SDMC-09	141	**476**	13.1	350
SDMC-10	131	65.5	65.5	350
SDMC-11	131	18.1	**907**	350

Notes:

μg/kg	Microgram per kilogram
NA	Not analyzed due to insufficient sample volume
NAS	Naval air station
RAO	Remedial action objective

Bolded values exceed the site-specific RAO for total Aroclors
Total Aroclors is the sum of Aroclor 1016, 1221, 1242, 1248, 1254, and 1260. In most cases, only Aroclor 1254 and 1260 were detected; however, Aroclor 1248 was detected at sample point SDMC-05 (0 to 1 foot) and Aroclor 1232 was detected at SDMC-07 (1 to 3 feet).
A value of one-half the method detection limit (MDL) was used as a proxy value for nondetections.

1 The lower layer is found at varying depths, but is always below the middle layer of sediment substrate and extends to the clay layer
2 The middle layer extends from 1 foot below the top of the sediment layer to the lower layer
3 The upper layer is from 0 to 1 foot below the top of the sediment layer
4 The RAO is based on risks to the black-necked stilt

TABLE 2-2: TOTAL DDT BY SAMPLE POINT (µg/kg)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Sample Point	Lower[1]	Middle [2]	Upper [3]	RAO [4]
SDMC-01	NA	**223**	**85**	64.8
SDMC-02	NA	**169**	45	64.8
SDMC-03	NA	**117.05**	30.7	64.8
SDMC-04	NA	NA	**72.5**	64.8
SDMC-05	**154**	**361**	**513**	64.8
SDMC-06	**249**	**193**	**589**	64.8
SDMC-07	52	**112.5**	7.5	64.8
SDMC-08	**105**	12.75	45.1	64.8
SDMC-09	**140**	**311**	22.75	64.8
SDMC-10	**243**	**94**	32.1	64.8
SDMC-11	**187**	**127**	36.65	64.8

Notes:

µg/kg	Micrograms per kilogram
NA	Not analyzed due to insufficient sample volume
NAS	Naval Air Station
RAO	Remedial action objective

Bolded values exceed the site-specific RAO for total DDT
Total DDT is the summed value of dichlorodiphenyldichloroethane (DDD), dichlorodiphenyldichloroethene (DDE), and dichlorodiphenyltrichloroethane (DDT) concentrations
A value of one-half the method detection limit (MDL) was used as a proxy value for nondetections

[1] The lower layer is found at varying depths, but is always below the middle layer of sediment substrate and extends to the clay layer
[2] The middle layer extends from 1 foot below the top of the sediment layer to the lower layer
[3] The upper layer is from 0 to 1 foot below the top of the sediment layer
[4] The RAO is based on risks to the black-necked stilt

TABLE 2-3: TOTAL CHLORDANE BY SAMPLE POINT (µg/kg)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Sample Point	Lower [1]	Middle [2]	Upper [3]	RAO [4]
SDMC-01	NA	18.55	8.5	931
SDMC-02	NA	2.05	18.25	931
SDMC-03	NA	1.6	3.75	931
SDMC-04	NA	NA	6.7	931
SDMC-05	29.95	27	320	931
SDMC-06	45	11.05	189	931
SDMC-07	7.65	95	3.4	931
SDMC-08	27	2.25	14.35	931
SDMC-09	28.7	64.5	3.25	931
SDMC-10	74	21.3	3.3	931
SDMC-11	16.5	16.5	2.75	931

Notes:

µg/kg	Microgram per kilogram
NA	Not analyzed due to insufficient sample volume
NAS	Naval air station
RAO	Remedial action objective

Total chlordane is the sum of alpha-chlordane and gamma-chlordane concentrations
A value of one-half the method detection limit (MDL) was used as a proxy value for nondetections

1 The lower layer is found at varying depths, but is always below the middle layer of sediment substrate and extends to the clay layer
2 The middle layer extends from 1 foot below the top of the sediment layer to the lower layer
3 The upper layer is from 0 to 1 foot below the top of the sediment layer
4 The RAO is based on risks to the great blue heron

TABLE 2-4: ANALYTICAL RESULTS FOR AROCLORS AND CONGENERS

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Analyte	SDMC01, 0-1'	SDMC01, 1-3'	SDMC02, 0-1'	SDMC02, 1-3'	SDMC03, 0-1'	SDMC03, 2-3'	SDMC04, 0-1'
AR1016	330 U	330 U	330 U	330 U	330 U	6.6 U	330 U
AR1221	330 U	330 U	330 U	330 U	330 U	6.6 U	330 U
AR1232	330 U	330 U	330 U	330 U	330 U	6.6 U	330 U
AR1242	330 U	330 U	330 U	330 U	330 U	6.6 U	330 U
AR1248	330 U	330 U	330 U	330 U	330 U	6.6 U	330 U
AR1254	330 U	600	330 U	340	330 U	6.6 U	330 U
AR1260	45	330 U	330 U	330 U	330 U	6.6 U	78
PCB018	1 J c	5 J c	0.5 J c	0.03 J c	0.8 J c	0.1 UJ c	2 J c
PCB028	0.8 P	4	0.4 P	0.1 U	1	0.1 U	1 P
PCB044	1 J c	7 J c	0.5 J c	0.1 J c	0.3 J c	0.1 U	1 J c
PCB052	1 J c	12 J c	0.5 J c	0.02 J c	0.4 J c	0.1 U	1 J c
PCB066	2 P	17	0.7 P	0.4	0.4	0.1 U	2
PCB077	2 P	13 P	1 P	0.1 U	0.1 U	0.1 U	2 P
PCB101	2 J c	23 J c	1 J c	0.8 J c	0.6 J c	0.7 J c	2 J c
PCB105	0.3 U	10 P	0.7 P	0.2 P	0.2 P	0.1 U	0.7 P
PCB114	0.3 U	6	4 P	0.1 U	0.1 U	0.1 U	1 P
PCB118	2	20	0.6 P	0.4	0.5	0.1 U	2
PCB123	3	17	1	0.6	0.6	0.07 J	0.4 P
PCB126	1 P	1 U	0.4 P	0.2 P	0.3 P	0.1 U	0.5 P
PCB128	0.5 J c	5 J c	0.2	0.09 J g	0.1 P	0.1 U	0.4
PCB138	3 J c	25 J c	1 J c	0.1 U	0.8 J c	0.1 U	2 J c
PCB153	4 J c	22 J c	1 J c	0.7 J c	0.9 J c	0.03 J c	3 J c
PCB156	0.3 P	3	0.1 P	0.1	0.1 JP	0.1 U	0.3 P
PCB157	0.3 U	0.8 JP	0.2 P	0.06 JP	0.1 P	0.1 P	0.2 P
PCB167	0.2 J c	2 J c	0.08 J c	0.08 J c	0.1 J c	0.05 J c	0.1 J c
PCB169	0.3 U	3 P	0.1 U	0.1 U	0.1 U	0.1 U	0.06 JP
PCB170	2 P	6 P	0.4 P	0.2 P	0.2 P	0.1 U	0.7 P
PCB180	5	13 P	1	0.5	0.5 P	0.1 U	2
PCB187	3 P	9 P	0.9 P	0.4 P	0.5 P	0.1 U	1 P
PCB189	0.2 JP	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 JP
PCB195	0.6	2 P	0.2 J c	0.06 J c	0.04 J c	0.1 U	0.2 J c
PCB206	0.8	3 P	0.2 J c	0.03 J c	0.08 J c	0.1 U	0.3 J c
PCB209	0.1 JP	1 U	0.06 JP	0.05 JP	0.04 JP	0.1 U	0.07 JP

TABLE 2-4: ANALYTICAL RESULTS FOR AROCLORS AND CONGENERS (Continued)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Analyte	SDMC05, 0-1'	SDMC05, 1-3'	SDMC05, 3-4.5'	SDMC06, 0-1'	SDMC06, 1-3'	SDMC06, 3-4'	SDMC07, 0-1'
AR1016	330 U	330 U	330 U	330 U	330 U	33 U	66 U
AR1221	330 U	330 U	330 U	330 U	330 U	33 U	66 U
AR1232	330 U	330 U	330 U	330 U	330 U	33 U	66 U
AR1242	330 U	330 U	330 U	330 U	330 U	33 U	66 U
AR1248	350	330 U	330 U	330 U	330 U	33 U	66 U
AR1254	330 U	500	200	1600	240	4	66 U
AR1260	330 U	330 U	330 U	330 U	330 U	33 U	66 UJ g
PCB018	2 J j	6 J j	11 J j	16 J j	2 J j	0.2 J j	0.2 J j
PCB028	2	7	14	18 P	3 P	0.05 UJ j	0.2
PCB044	2	9	19	13 P	4	0.08 J g	0.1 J j
PCB052	3 J d	15	38	16	7 J j	0.2	0.2
PCB066	4 J cd	25 J c	51 J c	25 J c	9	0.4	0.5 P
PCB077	0.3 UJ cd	2 UJ c	3 UJ c	2 UJ c	0.5 U	0.1 U	0.1 U
PCB101	4	34	66	26	13	0.4 P	0.6
PCB105	1 J cj	13 J c	21 J cj	2 UJ c	5 P	0.2 J j	0.2 P
PCB114	1 J cj	8 J cj	8 J c	16 J c	3 J j	0.1 NJ j	0.2 J j
PCB118	3	28	48	15	10	0.2	0.4
PCB123	4 J d	23	42	35	9	0.5	0.7
PCB126	0.9 J cj	6 J cj	10 J cj	11 J cj	0.5 J j	0.2 J j	0.2 J j
PCB128	0.6	6	11	3	3	0.06 J g	0.09 J g
PCB138	4	31	54	26	13	0.4	0.6
PCB153	4 J d	27	49	41	11	0.6	0.9
PCB156	0.4 J c	4 J c	6 J c	2 J c	2	0.06 UJ j	0.05 UJ j
PCB157	0.3 UJ c	2 UJ c	1 UJ cj	2 UJ c	0.4 UJ j	0.1 U	0.1 U
PCB167	0.2 UJ j	2 J g	4	0.9 UJ j	0.8 P	0.1 U	0.1 U
PCB169	0.3 UJ c	2 UJ c	3 UJ c	2 UJ c	0.5 U	0.1 U	0.1 U
PCB170	1 J cj	5 J cj	10 J cj	13 J cj	3 J j	0.2 P	0.2 J j
PCB180	3 J d	12	23	34	6	0.4	0.4
PCB187	2 J dj	8 J j	16 J j	25 J j	4 J j	0.2 J j	0.4 J j
PCB189	0.3 UJ c	2 UJ c	3 UJ c	2 UJ c	0.3 J g	0.1 U	0.1 U
PCB195	0.2 J c	0.8 UJ cj	2 UJ cj	4 J c	0.8	0.1 U	0.02 UJ j
PCB206	0.4 J cd	2 J c	1 UJ cj	5 J c	1	0.1 U	0.04 UJ j
PCB209	0.2 UJ cj	2 UJ c	3 UJ c	0.8 UJ cj	2 P	0.03 UJ j	0.06 UJ j

TABLE 2-4: ANALYTICAL RESULTS FOR AROCLORS AND CONGENERS (Continued)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Analyte	SDMC07, 1-3'	SDMC07, 3-4'	SDMC08, 0-1'	SDMC08, 1-3'	SDMC08, 3-4'	SDMC09, 0-1'	SDMC09, 1-3'
AR1016	66 U	66 U	66 U	330 U	66 U	66 U	330 U
AR1221	66 U	66 U	66 U	330 U	66 U	66 U	330 U
AR1232	170	66 U	66 U	330 U	66 U	66 U	330 U
AR1242	66 U	66 U	66 U	330 U	66 U	66 U	330 U
AR1248	66 U	66 U	66 U	330 U	66 U	66 U	330 U
AR1254	66 U	70 J j	66 U	330 U	78 J j	66 U	420 J j
AR1260	66 U	66 U	66 UJ g	330 UJ g	66 U	66 UJ g	330 U
PCB018	5 J j	7 J j	0.4 J j	0.9 J j	2 J j	1 J j	4 J j
PCB028	6 J j	9	0.3 P	1	2	0.3 P	4
PCB044	4	6	0.2	0.9	2 J j	0.3	8
PCB052	5	13	0.3	1	3	0.4	15
PCB066	7	11 P	0.6	2 P	3 P	0.6	20
PCB077	0.5 U	0.5 U	0.1 U	0.1 U	0.3 U	0.1 U	1 U
PCB101	8	9	0.7	2	4 J j	0.9	28
PCB105	0.5 U	0.5 U	0.1 U	0.1 U	0.3 U	0.1 U	10 J j
PCB114	5 J j	3 J j	0.5 J j	1 J j	2 J j	0.6 J j	4 N j
PCB118	4	6	0.5	1	2	0.5	21
PCB123	10	9	0.8	2	4	0.9	19
PCB126	3 J j	2 J j	0.3 J j	0.5 J j	0.9 J j	0.3 J j	4 J j
PCB128	1	1	0.2	0.3	0.4	0.2	5
PCB138	8	7	0.9	2	2	1	25
PCB153	12	10	1	2	4	1	23 N j
PCB156	0.7	0.7	0.09 UJ j	0.2	0.2 J g	0.09 UJ j	3 N j
PCB157	0.5 U	0.5 U	0.1 UJ j	0.1 U	0.3 U	0.1 UJ j	0.6 U j
PCB167	0.4 UJ j	0.4 UJ j	0.06 UJ j	0.1 J j	0.3 U	0.06 UJ j	1 J j
PCB169	0.5 U	0.5 U	0.1 U	0.06 UJ j	0.3 U	0.1 U	1 U
PCB170	4 J j	2 J j	0.4 J j	0.7 J j	1 J j	0.4 J j	6 J j
PCB180	9	6	0.8	2	3	0.9	13 N j
PCB187	7 J j	5 J j	0.6 J j	1 J j	2 J j	0.7 J j	9 J j
PCB189	0.5 U	0.5 U	0.1 U	0.1 U	0.3 U	0.1 U	1 U
PCB195	1 J j	0.7	0.1 J g	0.2	0.3	0.1	1 N j
PCB206	1 J j	1	0.2	0.3 J j	0.4	0.2	2 N j
PCB209	0.4 UJ j	0.3 J g	0.09 UJ j	0.1 P	0.3 U	0.06 J g	1 U

TABLE 2-4: ANALYTICAL RESULTS FOR AROCLORS AND CONGENERS (Continued)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Analyte	SDMC09, 3-4'	SDMC10, 0-1'	SDMC10, 1-3'	SDMC10, 3-4'	SDMC11, 0-1'	SDMC11, 1-3'	SDMC11, 3-4'
AR1016	66 U	330 U	330 U	660 U	330 U	6.6 U	66 U
AR1221	66 U	330 U	330 U	660 U	330 U	6.6 U	66 U
AR1232	66 U	330 U	330 U	660 U	330 U	6.6 U	66 U
AR1242	66 U	330 U	330 U	660 U	330 U	6.6 U	66 U
AR1248	66 U	330 U	330 U	660 U	330 U	6.6 U	66 U
AR1254	66 U	330 U	330 U	660 U j	330 U	6.6 U	120 J j
AR1260	130	330 U	330 U j	660 U	850 J j	17	66 U
PCB018	0.02 UJ j	0.5 J j	8 J j	1 J j	0.1 U j	0.03 UJ j	0.1 U
PCB028	2 J g	0.3 P	9	2	0.2 J g	0.1 U	0.1 U
PCB044	8	0.2 P	5	2	1 J j	0.1	0.1 U j
PCB052	19	0.3	6	5	2	0.2	0.08 J g
PCB066	41	0.4 P	7 P	7	3	0.6	0.3
PCB077	3 U	0.1 U	0.5 U	0.5 U	0.3 U	0.1 U	0.1 U
PCB101	59	0.6	6	9	5	0.9 J j	0.5 J j
PCB105	24 J j	0.1 U	2 J j	3 J j	2 J j	0.1 U	0.1 U
PCB114	8 J j	0.5 J j	0.5 U	2 P	0.7 J j	0.1 U	0.1 U
PCB118	38	0.4	4	6	3	0.4	0.2
PCB123	72	0.7	6	6	0.3 U	0.7	0.5
PCB126	17 J j	0.2 J j	2 J j	2 J j	0.8 J j	0.2 J j	0.1 J j
PCB128	11	0.1	0.7	2	0.9	0.2	0.08 J g
PCB138	82	0.8	5	8	4	0.8	0.5
PCB153	91	1	7	8	4	0.8	0.5
PCB156	8 P	0.08 UJ j	0.4 J g	0.9 P	0.5	0.1 U	0.1 J c
PCB157	1 UJ j	0.09 UJ j	0.5 U	0.5 U	0.3 U	0.1 U	0.1 U
PCB167	5 J j	0.1 U	0.5 U	0.4 J g	0.3 J g	0.08 UJ j	0.1 U j
PCB169	3 U	0.05 UJ j	0.5 U	0.5 U	0.3 U	0.1 U	0.1 U
PCB170	34 P	0.3 J j	2 J j	2 P	1 P	0.3 J j	0.2 J j
PCB180	73	0.7 P	5	3 P	2	0.6	0.5
PCB187	43 J j	0.6 J j	3 J j	3 J j	2 J j	0.5 J j	0.4 J j
PCB189	2 UJ j	0.1 U	0.5 U	0.5 U	0.3 U	0.1 U	0.1 U
PCB195	6	0.09 J g	0.5 J g	0.4 J g	0.2 J g	0.06 UJ j	0.1 U j
PCB206	3	0.1	0.8	0.4 J g	0.1 U j	0.06 J g	0.07 J g
PCB209	12 J j	0.05 UJ j	0.3 J j	0.5 U	0.3 U	0.06 J g	0.05 J g

Notes:

All concentrations reported in micrograms per kilogram (µg/kg).

AR	Aroclor
c	calibration exceedance
d	duplicate precision exceedance
g	quantification below reporting limit
J	Estimated detected result
j	other qualifications
NAS	Naval air station
P	Target analyte with greater than 25% difference between the concentrations calculated from the two columns used for the analysis
PCB	PCB congener number
u	Not detected

TABLE 2-5: CADMIUM BY SAMPLE POINT (mg/kg)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Sample Point	Lower [1]	Middle [2]	Upper [3]	RAO [4]
SDMC-01	NA	3.37	0.273	184
SDMC-02	NA	0.417	0.20	184
SDMC-03	NA	0.116	0.095	184
SDMC-04	NA	NA	0.318	184
SDMC-05	0.88	1.91	0.71	184
SDMC-06	1.19	0.89	1.66	184
SDMC-07	0.46	0.53	0.15	184
SDMC-08	0.33	0.22	0.17	184
SDMC-09	0.99	2.72	0.17	184
SDMC-10	1.23	0.56	0.13	184
SDMC-11	0.23	0.25	0.81	184

Notes:

mg/kg	Milligram per kilogram
NA	Not analyzed due to insufficient sample volume
NAS	Naval air station
RAO	Remedial action objective

1 The lower layer is found at varying depths, but is always below the middle layer of sediment substrate and extends to the clay layer
2 The middle layer extends from 1 foot below the top of the sediment layer to the lower layer
3 The upper layer is from 0 to 1 foot below the top of the sediment layer
4 The RAO is based on risks to the great blue heron

TABLE 2-6: LEAD BY SAMPLE POINT (mg/kg)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Sample Point	Lower [1]	Middle[2]	Upper [3]	RAO [4]
SDMC-01	NA	53.4 Jj	35.3	173
SDMC-02	NA	13.7	32.2	173
SDMC-03	NA	11.4	11.8	173
SDMC-04	NA	NA	23.5	
SDMC-05	17.1	78.8	167	173
SDMC-06	19.5 Jc	53.3 Jc	162 Jc	173
SDMC-07	31.2	104	17.6	173
SDMC-08	45.8	42.6	21.2	173
SDMC-09	42.6	136	20.7	173
SDMC-10	81.5	58.9	16.2	173
SDMC-11	51.7	36.1	29.4	173

Notes:

J	Estimated detected result
c	Calibration exceedance
j	Other qualification
mg/kg	Milligram per kilogram
NA	Not analyzed due to insufficient sample volume
NAS	Naval air station
RAO	Remedial action objective

[1] The lower layer is found at varying depths, but is always below the middle layer of sediment substrate and extends to the clay layer
[2] The middle layer extends from 1 foot below the top of the sediment layer to the lower layer
[3] The upper layer is from 0 to 1 foot below the top of the sediment layer
[4] The RAO is based on risks to the black-necked stilt

TABLE 2-7: MERCURY BY SAMPLE POINT (mg/kg)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Sample Point	Lower [1]		Middle[2]		Upper [3]		RAO [4]
SDMC-01	NA		0.26		0.113		1.52
SDMC-02	NA		0.053		0.107		1.52
SDMC-03	NA		0.044		0.104		1.52
SDMC-04	NA		NA		0.065		1.52
SDMC-05	0.288		0.31		0.938		1.52
SDMC-06	0.107	Jceh	0.211	Jceh	0.336	Jceh	1.52
SDMC-07	0.26	Jceh	0.107	Jceh	0.177	Jceh	1.52
SDMC-08	0.071	Jceh	0.176	Jceh	0.174	Jceh	1.52
SDMC-09	0.108	Jceh	0.332	Jceh	0.161	Jceh	1.52
SDMC-10	0.28	Jceh	0.263	Jceh	0.184	Jceh	1.52
SDMC-11	0.043	Jceh	0.062	Jceh	0.186	Jceh	1.52

Notes:

J	Estimated detected result
c	Calibration exceedance
e	Matrix spike/laboratory control sample (LCS) recovery exceedance
h	Holding time exceedance
mg/kg	Milligram per kilogram
NA	Not analyzed due to insufficient sample volume
NAS	Naval air station
RAO	Remedial action objective

1 The lower layer is found at varying depths, but is always below the middle layer of sediment substrate and extends to the clay layer
2 The middle layer extends from 1 foot below the top of the sediment layer to the lower layer
3 The upper layer is from 0 to 1 foot below the top of the sediment layer
4 The RAO is based on risks to the black-necked stilt

TABLE 2-8: SELENIUM BY SAMPLE POINT (mg/kg)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Sample Point	Lower [1]		Middle [2]		Upper [3]		RAO [4]
SDMC-01	NA		0.50	Je	0.40	Je	0.926
SDMC-02	NA		0.40	Je	0.40	Je	0.926
SDMC-03	NA		0.40	Je	0.30	Je	0.926
SDMC-04	NA		NA		0.40	Je	0.926
SDMC-05	0.30	Je	0.50	Je	0.40	Je	0.926
SDMC-06	0.50	UJb	0.30	UJb	0.30	UJb	0.926
SDMC-07	0.40	Jg	0.40	Jg	0.40	Jg	0.926
SDMC-08	0.30	Jg	0.30	Jg	0.40	Jg	0.926
SDMC-09	0.60		0.60		0.50		0.926
SDMC-10	0.40	Jg	0.50	Jg	0.40	Jg	0.926
SDMC-11	0.40	Jg	0.40	Jg	0.40	Jg	0.926

Notes:

J	Estimated detected result
U	Not detected
b	Laboratory method blank and common blank contamination
e	Matrix spike/laboratory control sample (LCS) recovery exceedance
g	Quantification below reporting limit
mg/kg	Milligram per kilogram
NA	Not analyzed due to insufficient sample volume
NAS	Naval air station
RAO	Remedial action objective

1 The lower layer is found at varying depths, but is always below the middle layer of sediment substrate and extends to the clay layer
2 The middle layer extends from 1 foot below the top of the sediment layer to the lower layer
3 The upper layer is from 0 to 1 foot below the top of the sediment layer
4 The RAO is based on risks to the great blue heron

TABLE 2-9: SILVER BY SAMPLE POINT (mg/kg)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Sample Point	Lower [1]		Middle [2]		Upper [3]		RAO [4]
SDMC-01	NA		13.50		0.323		13.7
SDMC-02	NA		0.410		0.206		13.7
SDMC-03	NA		0.079		0.187		13.7
SDMC-04	NA		NA		0.454		13.7
SDMC-05	3.54		6.72		0.814		13.7
SDMC-06	1.47	Je	4.43	Je	6.56	Je	13.7
SDMC-07	0.89	Je	0.34	Je	0.25	Je	13.7
SDMC-08	0.48	Je	0.29	Je	0.23	Je	13.7
SDMC-09	1.88	Je	7.11	Je	0.33	Je	13.7
SDMC-10	4.38	Je	1.01	Je	0.22	Je	13.7
SDMC-11	0.12	Je	0.16	Je	0.8	Je	13.7

Notes:

J	Estimated detected result
e	Matrix spike/laboratory control sample (LCS) recovery exceedance
mg/kg	Milligram per kilogram
NA	Not analyzed due to insufficient sample volume
NAS	Naval air station
RAO	Remedial action objective

1 The lower layer is found at varying depths, but is always below the middle layer of sediment substrate and extends to the clay layer
2 The middle layer extends from 1 foot below the top of the sediment layer to the lower layer
3 The upper layer is from 0 to 1 foot below the top of the sediment layer
4 The RAO is based on risks to the black-necked stilt

TABLE 2-10: ZINC BY SAMPLE POINT (mg/kg)

Technical Memorandum - Investigation of the Moffett Channel
Former NAS Moffett Field, Santa Clara County, California

Sample Point	Lower [1]	Middle [2]	Upper [3]	RAO [4]
SDMC-01	NA	135	62.9	720
SDMC-02	NA	61.6	92.8	720
SDMC-03	NA	47.7	58.3	720
SDMC-04	NA	NA	50.4	720
SDMC-05	76.4	157	158	720
SDMC-06	70.3	121	173	720
SDMC-07	84.4	114	66.3	720
SDMC-08	103	86.3	81.6	720
SDMC-09	106	204.0	93.2	720
SDMC-10	144	93.3	70.1	720
SDMC-11	70.8	67.5	56.3	720

Notes:

mg/kg	Milligram per kilogram
NA	Not analyzed due to insufficient sample volume
NAS	Naval air station
RAO	Remedial action objective

1 The lower layer is found at varying depths, but is always below the middle layer of sediment substrate and extends to the clay layer
2 The middle layer extends from 1 foot below the top of the sediment layer to the lower layer
3 The upper layer is from 0 to 1 foot below the top of the sediment layer
4 The RAO is based on risks to the black-necked stilt

All Moffett sites

Southwest Division Naval Facilities Engineering Command

Moffett Federal Airfield

Installation Restoration Program Site Overview

Moffett Field, California *Summer 2002*

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INTRODUCTION

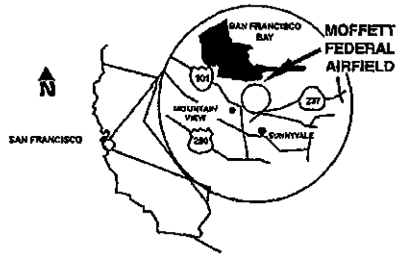
Moffett Federal Airfield (Moffett Field) is a former Navy installation that was designated as a Superfund site in 1987 due to the presence of soil and groundwater contamination at various locations. Most of these sites have been addressed and have received regulatory closure. Nine such sites are currently being addressed under the Navy's Installation Restoration (IR) Program and are described in this fact sheet.

This fact sheet presents an overview of hazardous materials sites at Moffett Field and what the Navy is doing to clean them up. It also provides insight about the Navy's IR Program and the environmental law that governs investigation and cleanup of contaminated sites. Also provided is an update on the latest community relations activities, Restoration Advisory Board, Information Repository, and Navy point of contact.

Moffett Field is located about 1 mile south of San Francisco Bay (see figure below) and encompasses about 2,200 acres in Santa Clara County, California. Moffett Field is bounded on the north by salt evaporation ponds, Stevens Creek to the west, U.S. Highway 101 to the south, and the Lockheed Martin Aerospace facility to the east. Several other industrial facilities are located just south of Highway 101.

CONTAMINATION AT MOFFETT FIELD, HOW DID IT GET THERE?

Past disposal practices, although acceptable at the time, often resulted in what is now considered improper handling and disposal of hazardous materials. Contaminants were also released to the environment through accidental spills and leaking storage tanks.



Hazardous waste at Moffett Field was generated by everyday activities such as aircraft maintenance, squadron operations, fuel management, fire fighting training and other military support activities. Contaminants being cleaned up include waste oils and fuel products, solvents and cleaning products, pesticides, paints, battery acids and polychlorinated biphenyls (PCBs; formerly used in electrical transformer insulation fluids).

THE IR PROGRAM

In 1980, the Department of Defense (DoD) established the IR Program to implement environmental cleanup at its facilities. The IR Program identifies, assesses, characterizes and cleans up or controls contamination from past hazardous waste disposal operations and hazardous materials spills at DoD sites, including Navy installations. The primary objective of the IR Program is to protect human health and the environment through effective investigation and cleanup of hazardous waste sites.

The United States Environmental Protection Agency (EPA) is the lead regulatory agency that oversees the IR Program at Moffett Field. The EPA is supported by the California Regional Water Quality Control Board (RWQCB), San Francisco Bay Region. In addition to these agencies, a number of resource agencies participate in the program. The National Aeronautics and Space Administration (NASA), the current property owner, is also actively involved in supporting the IR Program.

Navy point of contact is provided on the back page of this publication.

THE SITES

In 1984, the Navy began the IR Program at Moffett Field with an Initial Assessment Study. The study included a review of available records pertaining to the handling of chemicals and related disposal practices, interviews with site personnel and a visual survey of activities at the airfield.

Since that time, many areas of potential concern at Moffett Field have been evaluated. To date, 28 hazardous waste sites have been identified, of which 9 are currently "active." An active site is one that is still in the process of being addressed, which includes field investigation, laboratory analysis, human health and/or ecological risk assessment, and, where necessary, cleanup. Those sites not mentioned in this fact sheet have been cleaned up or closed.

The active sites at Moffett Field are:

Site 1 Runway Landfill

Site 2 Golf Course Landfill

Site 22 Golf Course Landfill No. 2

Site 25 Eastern Diked Marsh and Stormwater Retention Basin

Site 26 East-side Aquifer Treatment System (also called "EATS")

Site 27 Northern Channel

Site 28 West-side Aquifers Treatment System ("WATS")

NFA No Further Action Sites

Petroleum Sites

The figure at right indicates the locations of each active site. Future fact sheets will present information about these sites as the cleanup at each site progresses.

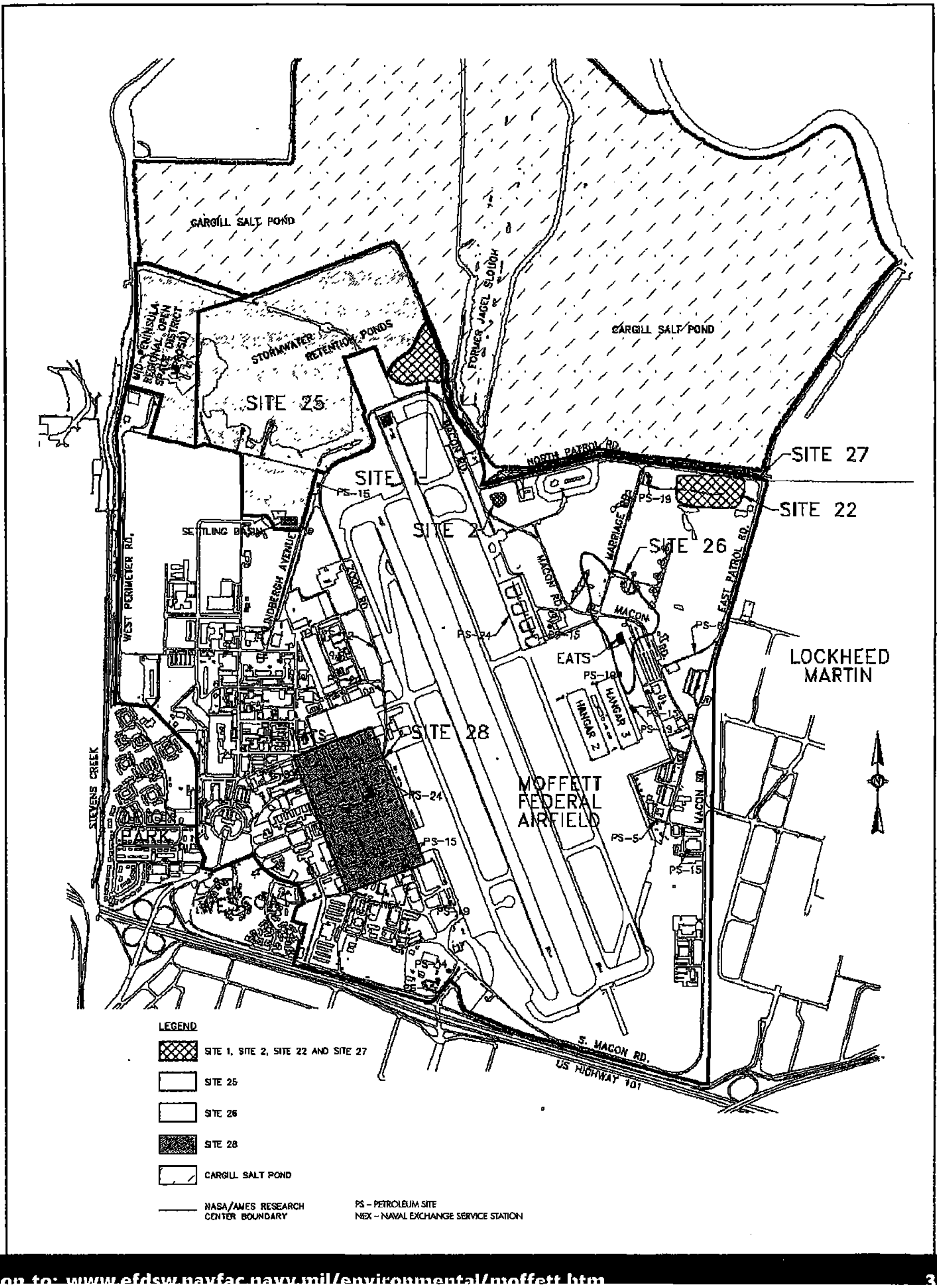
ACRONYMS

BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
DoD	Department of Defense
EATS	East-side Aquifer Treatment System
EPA	United States Environmental Protection Agency
GAC	granular activated carbon
MEW	Middlefield-Ellis-Whisman
HHRA	Human Health Risk Assessment
IR	Installation Restoration
NASA	National Aeronautics and Space Administration
NPL	National Priorities List
OU	operable unit
ROD	Record of Decision
RAB	Restoration Advisory Board
RWQCB	[California] Regional Water Quality Control Board
WATS	West-side Aquifers Treatment System

KNOW YOUR CHEMICALS

DCA	dichloroethane (chemical solvent)
DDT	dichlorodiphenyltrichloroethane (pesticide outlawed in the U.S.)
PCE	tetrachloroethene (chemical solvent)
TCE	trichloroethene (chemical solvent)
DCE	dichloroethene (chemical solvent)
PCBs	polychlorinated biphenyls (formerly used in transformer oils for insulation)
SVOCs	semivolatile organic compounds
VOCs	volatile organic compounds
TPH	total petroleum hydrocarbons (gasoline products)

For more information about the Moffett Field Installation Restoration Program


CARGILL SALT POND
CARGILL SALT POND
MID-PENINSULA REGIONAL OPEN SPACE DISTRICT (MPROSD)
STORMWATER RETENTION PONDS
FORMER JAGEL SLOUGH
SITE 25
SITE 1
SITE 2
SITE 27
SITE 22
SITE 26
SITE 28
PS-15
PS-19
PS-24
PS-5
PS-18
PS-13
PS-8
SETTLING BASIN
WEST PERIMETER RD.
LINDBERGH AVENUE
NORTH PATROL RD.
MARRIAGE RD.
EAST PATROL RD.
MACON RD.
MACON
EATS
HANGAR 2
HANGAR 3
LOCKHEED MARTIN
MOFFETT FEDERAL AIRFIELD
STEVENS CREEK
PARK
NEX
S. MACON RD.
US HIGHWAY 101
LEGEND
SITE 1, SITE 2, SITE 22 AND SITE 27
SITE 25
SITE 26
SITE 28
CARGILL SALT POND
NASA/AMES RESEARCH CENTER BOUNDARY
PS - PETROLEUM SITE
NEX - NAVAL EXCHANGE SERVICE STATION

Operable Units

Several IR Program sites at Moffett Field have been grouped into operable units, called "OUs." Classifying sites as OUs allows for grouping of sites with similar contaminants and remediation measures so that they may be studied and cleaned up at one time. The length of time necessary to clean up each OU varies depending on the types of contaminants present and the cleanup process involved.

Examples of different types of groupings are as follows:

- **areas with similarly contaminated waste materials or media;**
- **areas in a similar geographic location;**
- **areas that may be cleaned up using similar techniques or within a similar timeframe; and**
- **areas amenable to being managed in a single remedial investigation/feasibility study.**

Sites 1 and 2, known as OU1, were grouped together since they were both landfills in similar geographic locations. Petroleum Sites were grouped together, but are being cleaned up under a separate program and in accordance with state regulations for petroleum sites.

IR PROGRAM SITES OVERVIEW

An overview of each IR Program site at Moffett Field is provided below. These overviews include information about the investigation and cleanup activities that are planned or under way at each site.

Operable Unit 1 - Site 1, Runway Landfill and Site 2, Golf Course Landfill

Site 1 is a 12-acre landfill used for the disposal of refuse, scrap equipment, and hazardous materials from 1963 to the mid 1970s. Potential contaminants in Site 1 include volatile organic compounds (VOCs; thinners, solvents, lacquer), petroleum products (oil, fuel filters), pesticides, sawdust contaminated with transformer oils (possibly containing polychlorinated biphenyls [PCBs]) and paints. A solid waste facility permit was obtained in 1979 for domestic waste.

Site 2 was a 1-acre landfill used between the 1940s and 1952. This site was said to have been used in a similar manner as Site 1, receiving the same types of waste and hazardous materials. A burn pit at Site 2 was used for disposal of outdated flares and cartridge-activated devices until 1971.

OU1 — The Final Record of Decision (ROD), signed in 1997, required consolidation of refuse from Site 2 with that at Site 1 and construction of a multilayer cap to contain the wastes. The combined sites are known as Operable Unit 1 (OU1).

Refuse from Site 2 was dug up and placed at Site 1 in 1998. The Site 2 area was backfilled with clean material and a fence installed around the site to restrict access. Since then, groundwater has been monitored (sampled and analyzed) every three months.

By November 1998, a gas and groundwater monitoring program was developed for Site 1, and installation of the multilayer landfill cap and gas and groundwater collection trenches was completed. In addition, institutional controls were established with NASA to impose restrictions on future cap disturbances and to allow for the continued operation of the Building 191 pump station which prevents flooding of the area. Implemented through codes, regulations and legal documents that follow ownership of land, institutional controls are restrictions on land use that limit activities (like deed restrictions for privately owned property). These measures were developed and completed to prevent contaminants from migrating off site at levels that may be harmful to human health and the environment.

In accordance with the 1997 ROD, the Site 1 Landfill Final Closure Plan was submitted in 1997. The Site 1 Post-Closure Maintenance Plan and the Final Site 2 Groundwater Monitoring Plan were submitted in

1998. Monitoring and Maintenance Reports are currently submitted on a quarterly basis. The reports describe landfill maintenance activities and results from groundwater and landfill gas monitoring during the reporting period.

Site 22 – Golf Course Landfill No. 2

The Site 22 landfill is 9.4 acres and was operated from about 1950 to 1967, mainly for domestic waste. Buried between 1 and 11 feet below ground surface, the landfill waste is under about 5 feet of groundwater in some areas of the site. By 1973, the Site 22 landfill had been converted into holes 6 and 7 of the Moffett Field Golf Course, operated by the Air Force.

Between 1996 and 1999, the Navy conducted soil and groundwater studies, called a Remedial Investigation, and identified the type and extent of contaminants throughout the site. Contamination in soil and groundwater at Site 22 includes VOCs, semivolatile organic compounds (SVOCs), pesticides, total petroleum hydrocarbons (TPH), and metals. Metals were found to be consistent with those that occur naturally in the area. The contaminants are not moving away from the site. Shallow groundwater beneath the landfill is unfit to drink because it has naturally high salt levels, similar to seawater.

Golf course at Site 22 with Hangar 3 in background.

The investigation also evaluated the potential for landfill gas to build up and migrate away from the site. It was found that landfill gases are not escaping to the atmosphere and or migrating underground beyond the site.

The studies concluded that as long as the landfill waste remains buried, there is no risk to humans or the environment. Because some of the landfill debris is near the surface, it is possible that burrowing animals, such as ground squirrels, could uncover it. This could create a potential risk to humans at the golf course. This is the primary concern for the site and the focus of the cleanup action.

The Final Feasibility Study was prepared in March 1999 to evaluate potential cleanup alternatives that would keep animals from burrowing into and exposing the buried refuse. The study presented the cleanup objectives and four cleanup alternatives to address Site 22:

1) **No Action;**
2) **biotic barrier (preferred alternative);**
3a) **multilayer cap with clay layer and biotic barrier;**
3b) **multilayer cap with geosynthetic clay layer and biotic barrier;**
4) **excavation and off-site disposal.**

Each was carefully evaluated and presented with the preferred cleanup remedy in the Proposed Plan, made available to the public during a formal comment period held from April 2 to May 9, 2001. A public meeting was held on April 26 and a Responsiveness Summary was issued on June 20, 2001. As required by Superfund, public comments were considered before a decision was made to select and apply the preferred cleanup remedy, Alternative 2, Biotic Barrier.

The selected cleanup remedy is documented in a ROD, which was signed in June of this year by the Navy, EPA and RWQCB.

Before construction of the Biotic Barrier can begin, a Remedial Design and Implementation Work Plan will be written to explain the details of the cleanup remedy. Construction is expected to begin in 2003.

Site 25 – Eastern Diked Marsh and Stormwater Retention Basin

Located in the northwest portion of Moffett Field, Site 25 consists of the Eastern Diked Marsh and stormwater retention basin. This retention basin is the ultimate destination for stormwater runoff from about 1 square mile of mostly paved industrial areas of Moffett Field.

NASA constructed a settling basin in 1994 to remove sediments from the stormwater before it enters the Eastern Diked Marsh and the retention basin. Prior to 1994, sediment was not removed from stormwater before it entered the retention basin. Potential environmental risks resulting from the sediments were identified during various environmental studies.

Between 1993 and 1996, Remedial Investigations and Environmental Assessments were conducted to evaluate the nature and extent of the contamination as well as potential risk to humans, plants and animals. From these investigations it was determined that Site 25 is populated by plants and animals common to wetland habitats, including salt-tolerant plants, waterfowl, shorebirds, rodents, and various types of invertebrates (insects, worms and so forth). Contaminants detected in sediments and surface water at Site 25 include PCBs, pesticides, metals and TPH. It was concluded that contaminant levels in some areas of Site 25 posed an unacceptable risk to humans and animals.

Because the cleanup requirements for ecological receptors also protect human health, the risk to ecological receptors was identified as the "driving risk" for the site. Surface water was found to pose little or no risk to ecological receptors at Site 25, but exposure to chemicals in sediments do. Four chemicals contributed to the majority of risk: total PCBs, lead, zinc, and total DDT.

The March 2001 Revised Final Responses to Comments on the Revised Final Stationwide Feasibility Study Report presented the cleanup objectives and three cleanup alternatives to address Site 25:

1) No Action;

2) excavation and off-site disposal;

3) excavation, ex-situ bioremediation, on-site reuse or off-site disposal.

Each was carefully evaluated and presented with the preferred cleanup remedy in a Proposed Plan, made available to the public during a formal comment period held from July 23 through September 21, 2001. A public meeting was held on August 16. The Proposed Plan was postponed during the public comment period because negotiations with an additional property owner, the Midpeninsula Regional Open Space District, were needed.

A revised Proposed Plan was published for only the portion of Site 25 owned by NASA. It was made available to the public during a comment period held from May 2 through June 3, 2002. A public meeting was held on May 16. As required by Superfund, public comments will be considered before a decision is made to select and apply a cleanup remedy. The selected cleanup remedy will be documented in a ROD, which is expected to be finalized this year after public and agency review.

Site 26 – East-side Aquifer Treatment System (EATS)

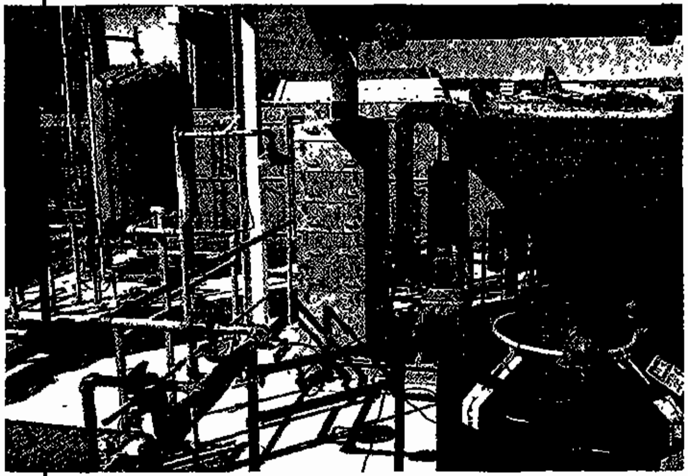
EATS is a groundwater remediation system located on the east side of the runways, northeast of Hangar 3. Trichloroethene (TCE) and tetrachloroethene (PCE) are believed to have been used at Hangars 2 and 3 and to have been discharged with wastewater to former Wastewater Flux Ponds as well as to various underground tanks on the eastern side of Moffett Field.

Contaminants include chemical solvents and their breakdown products (trichloroethene [TCE] and 1,2-dichloroethene [DCE], tetrachloroethene [PCE], 1,1-dichloroethane [DCA], and vinyl chloride).

The EATS Treatment System

EATS began operating in January 1999. Shown in the photo below, EATS consists of five extraction wells and a treatment system northeast of Hangar 3. Simply put, the extraction wells constantly draw down groundwater from each well. This water is then treated to remove the contaminants. The treated water is discharged to the Moffett Field storm sewer.

The groundwater treatment system includes an air stripper and granular activated carbon (GAC) vessels. Chlorinated contaminants are removed by the air stripper. Groundwater treated by the air stripper is then "polished" in GAC beds to remove any remaining contaminants to below required treatment levels.



In operation since January 1999, the EATS treats about 30 gallons of contaminated groundwater per minute.

Site 27 – The Northern Channel

Site 27, the Northern Channel, is located at the northeastern end of Moffett Field, bordered on the north by the Cargill Salt evaporation ponds and on the south by the North Patrol Road Ditch. Surface stormwater from the eastern portion of Moffett Field drains through a system of surface channels to the Building 191 Lift Station, where it is pumped into the channel. Building 191 also collects and pumps water into the channel from a French drain system beneath the runways. During periods of high rainfall, the Northern Channel also receives water directly from the surface channels via emergency lift stations.

Water in the Northern Channel flows easterly into the Lockheed Channel where it is pumped into Moffett Channel, flows to Guadalupe Slough and eventually reaches the San Francisco Bay. The Northern Channel continuously contains surface water, even during the dry season from May through October. The unlined channel provides brackish surface water habitat of moderate value to wildlife.

From 1995 through 2000, the Northern Channel was a part of a series of environmental investigations, including a Station-Wide Ecological Risk Assessment. During one of these studies, the Northern Channel was identified as one of three sites where risks to aquatic or semi-aquatic ecological receptors (plants and animals) required cleanup. Because the Northern Channel has

Moffett Field Environmental Cleanup Project Team

The following entities make up the team working together to address contamination at Moffett Field.

- **U.S. Navy**
- **U.S. Environmental Protection Agency**
- **California Regional Water Quality Control Board, San Francisco Region**
- **NASA**
- **Santa Clara Valley Water District**
- **Moffett Field Restoration Advisory Board**
- **Concerned citizens**
- **Contractors**
- **Others**

specific characteristics, it has received IR Program site designation - Site 27. Based on the most recent information, the project team is working with another property owner (Cargill Salt) and evaluating data gaps that need to be addressed so that effective cleanup objectives can be established.

Until this work has been completed, the final Feasibility Study, Proposed Plan, ROD, cleanup and site closure documentation are pending. The public will be kept informed of all cleanup decisions considered to address contamination at Site 27.

Site 28 – West-side Aquifers Treatment System (WATS)

WATS is a groundwater remediation system located on the west side of the runways, near Hangar 1. Potential sources of fuel-related contaminants or VOCs contributing to groundwater contamination in the WATS area include a former dry cleaning facility (Building 88) and former fuel storage and wash rack facilities.

EATS and WATS Compliance

In accordance with the National Pollutant Discharge Elimination System Self-Monitoring Program, quarterly reports detailing compliance evaluation, analyses and observations, contaminant removal, volume flow and operation status are submitted to EPA and RWQCB.

The Final Operation and Maintenance Manuals for EATS and WATS describe the systems and provide procedures for operating, monitoring and maintaining the equipment. Both manuals also describe procedures for monitoring the systems to ensure they continue to comply with discharge permit requirements.

Following system improvements in 2001, an addendum to the WATS manual was submitted to EPA and RWQCB. All documents are available for public review in the Information Repository (see back page).

During fourth quarter 2002, five-year reviews of the performance, effectiveness and protectiveness of EATS and WATS will begin, culminating in Final Five-Year Review Documents for each treatment system by April 2003.

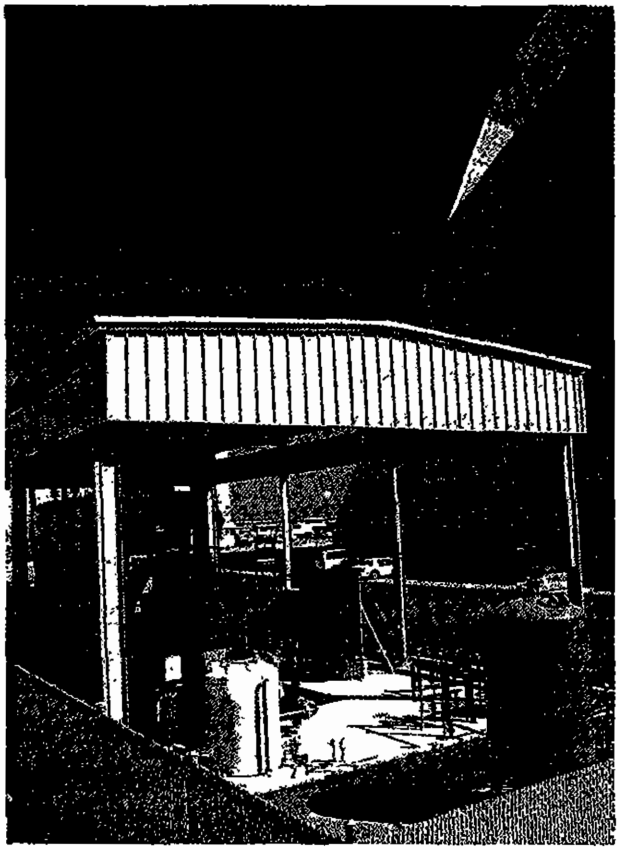
Contamination from on-site dry cleaning activities at Building 88 and fuel operations has mixed with a VOC plume originating at three Superfund sites located just south of Moffett Field. These sites are bounded by Middlefield Road, Ellis Street, Whisman Road, and U.S. Highway 101. The companies responsible for these sites are jointly termed the Middlefield-Ellis-Whisman (MEW) companies. The contamination plume resulting from operations at the MEW facilities is referred to as the "regional VOC plume."

Releases from underground storage and piping systems at various facilities within the MEW area created the regional VOC plume. EPA signed a ROD in 1989, requiring the MEW companies to clean up the contamination. In 1998, the MEW companies installed a pump-and-treat system as part of the Regional Groundwater Remediation Program. The Navy's WATS is an integral component of the program.

The WATS Treatment System

WATS began operating in November 1998. Shown in the photo at right, WATS consists of eight extraction wells and a groundwater treatment system located west of Hangar 1. In simplified terms, the extraction wells constantly draw down groundwater from each well. This water is then treated to remove the contaminants. The treated water is discharged to the Moffett Field storm sewer. Contaminated water collected in two on-site sumps near Hangar 1 (storm drain action water) is also treated.

The groundwater treatment system includes an advanced oxidation process, an air stripper and GAC vessels. The GAC vessels were added in July 2001 to upgrade the system. The majority of the VOCs are oxidized to nontoxic levels. Any remaining contaminants are removed to below required treatment levels in the air stripper and GAC vessels.



In operation since November 1998, the WATS treats about 70 gallons of contaminated groundwater per minute.

No Further Action Sites

As agreed upon by the Navy, EPA and RWQCB, six sites were recommended for No Action in the 2001 Final Addendum to the Revised Final Station-wide Feasibility Study Report and have been addressed separately from the IR Program. The No Further Action Sites are: Site 23, Golf Course Fill Area 3; Weapons Storage Bunkers; Former Industrial Wastewater Flux Ponds; Former Abandoned Agricultural Well; Upland Soils (areas that support upland plant communities); Station-wide Remedial Investigation Human Health Risk Assessment (HHRA) Exposure Areas 3782, 3785, 3974, 4090, and 4158. The addendum to the report provides additional documentation to support the No Action recommendation for these sites. Under CERCLA, No Action is appropriate for sites when there is no current or potential threat to human health or the environment.

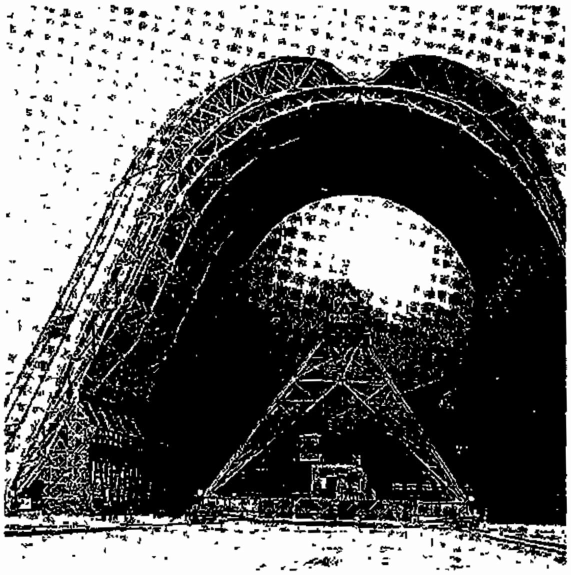
Two of the No Further Action Sites, Industrial Wastewater Flux Ponds and Former Abandoned Agricultural Well, were closed with concurrences from EPA or Santa Clara Valley Water District. Four of the HHRA Exposure Areas, 3782, 3785, 3974 and 4090, are being addressed as part of other remedial actions or maintenance programs. The remaining four No Further Action Sites were evaluated through field investigations, laboratory analysis, and human health and ecological risk assessments and found to have contamination within or below EPA's range of allowable risks for protection of human health and the environment. Under the current and most likely future use scenarios, the sites do not pose a threat to human health. The ecological risk assessment for these sites also indicates that there is no threat to the environment.

A Proposed Plan for the proposed No Further Action Sites was made available to the public during a formal comment period held from December 15, 2001, through January 28, 2002. A public meeting was held on January 10, 2002 and a Responsiveness Summary was issued on May 28, 2002. The No Action decision is documented in a ROD that is expected to be signed by August 2002.

Petroleum Sites

The petroleum-contaminated sites at Moffett Field were grouped together, but have been removed from the OU designation. They will be addressed under the state of California's Leaking Underground Fuel Tank Program, which is specific to petroleum-contaminated sites. While these regulations are fully protective of human health and the environment, they do not fall under CERCLA.

The nine petroleum sites being addressed are Sites 5, 9, 12, 14, 15, 19, 20, 24 and the Naval Exchange Service Station (see map on Page 3). As the tanks are no longer used, they are removed, and the tank sites are tested for contaminants and cleaned up when needed. It is expected that each petroleum site will have been addressed by the end of next year.



Photograph courtesy of the Moffett Field Historical Society.

Hangar One, circa 1934.

INSTALLATION HISTORY

Formerly known as Naval Air Station, Moffett Field, the installation was named after Rear Admiral William A. Moffett, known as the architect of naval aviation. Commissioned in 1933, Moffett Field was used by the Navy and the Army Air Corps for a variety of aviation-related activities including transport, training and anti-submarine patrol. During the Army's tenure, the National Advisory Committee for Aeronautics, the predecessor to NASA, established Ames Aeronautical Laboratory on land adjacent to Moffett Field, which later became NASA Ames Research Center.

In 1990, efforts to reduce the federal budget deficit led to the enactment of "BRAC," short for the Base Realignment and Closure Act. In 1991, Moffett Field was recommended for closure. In July 1994, the airfield was closed and ownership was officially transferred to NASA Ames Research Center.

Today, NASA owns all land, buildings, facilities and infrastructure on Moffett Field, except for Moffett Community Housing. The Moffett Community Housing Complex, which includes Orion Park, Wescoat and Shenandoah, is owned and managed by the U.S. Army.

CLEANING UP THE ENVIRONMENT

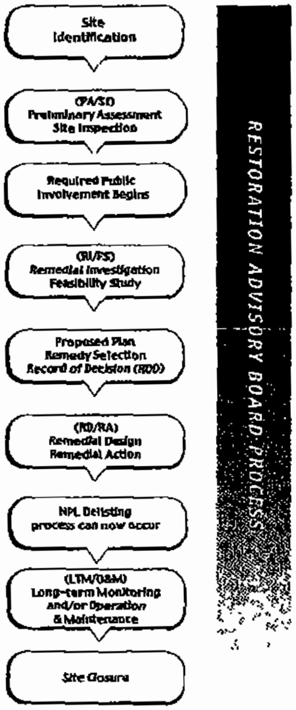
Under BRAC, the Navy is responsible for conducting the environmental investigation and remediation (cleanup) of sites contaminated during its operation of Moffett Field. On September 14, 1990, a Federal Facility Agreement was signed by the Navy, EPA and California's RWQCB and Department of Toxic Substances Control. Designed to ensure the protection of human health and the environment, the Agreement dictates the Navy's responsibility for investigation and cleanup of contamination from past Navy activities.

The Agreement facilitates cooperation and information sharing among the parties and establishes a process for prompt resolution of disputes that may arise between them. The Agreement also establishes procedures and schedules for cleanup actions and their implementation.

THAT FEDERAL LAW, "SUPERFUND"

Implemented in 1980 under the oversight of the EPA, CERCLA, also known as "Superfund," was passed by Congress to govern the cleanup of hazardous waste disposal and spill sites across the nation.

To administer environmental cleanup under CERCLA, EPA uses a management tool called the National Priorities List (NPL). The NPL is a listing of the top priority hazardous waste sites in the country that are subject to the Superfund Program and overseen by EPA. Moffett Field was listed on the NPL in 1987.


RESTORATION ADVISORY BOARD PROCESS
Site Identification
(PA/SI) Preliminary Assessment Site Inspection
Required Public Involvement Begins
(RI/FS) Remedial Investigation Feasibility Study
Proposed Plan Remedy Selection Record of Decision (ROD)
(RD/RA) Remedial Design Remedial Action
NPL Delisting process can now occur
(LTM/O&M) Long-term Monitoring and/or Operation & Maintenance
Site Closure

The project team is building an e-mailing list. If you would like to receive information via e-mail

COMMUNITY INVOLVEMENT

Federal law requires that affected communities are provided the opportunity to be involved in decision making during the environmental cleanup process (see flowchart at left). Federal guidance recommends that a community relations program, promoting two-way communication between the Navy and the public, is designed and implemented. Each community relations program is designed to meet the unique needs of the community for which it was designed. Community relations activities ensure that the public is provided accurate and timely information about site cleanup activities and that their concerns are heard and addressed.

Public member signs in at Site 25 public meeting.

Restoration Advisory Board - In addition to community involvement activities required under CERCLA, DoD policy recommends the establishment of a Restoration Advisory Board (RAB) for all Navy facilities involved in environmental restoration programs to provide a wider range of community involvement. The RAB is an advisory body that provides a forum for the exchange of information and partnership among the community, the Navy and regulatory agencies. RABs offer the public the opportunity to provide input on cleanup activities and to increase understanding of the cleanup process. In addition, RABs help identify community information needs regarding the cleanup process.

COMMUNITY RELATIONS AT MOFFETT FIELD

A Community Relations Plan for Moffett Field is currently being updated. It is based on concerns and comments provided during interviews conducted in November and December 2001 with community members, local officials, environmental groups, and other interested individuals. The final plan is expected to be available to the public in August 2002.

In an effort to provide additional opportunity for involvement and information throughout the IR Program process, the Navy conducts regular community relations activities including:

- Informative mailers
- Media announcements, including public comment periods
- Quarterly RAB meetings
- Periodic, informative fact sheets
- Required public meetings
- Web site updates

The Navy has also established an Information Repository to provide members of the community the opportunity to review documents and reports pertaining to the environmental cleanup under way at Moffett Field. The Information Repository is housed at the Mountain View Public Library (see back for details).

WHO TO CONTACT:

For more information about Moffett Field, the environmental cleanup process or to become a member of the RAB, please contact:

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BRAC Environmental Coordinator
Southwest Division Naval Facilities
Engineering Command
1220 Pacific Highway, Code 06CH.LL
San Diego, CA 92132-5190
Phone: (619) 532- 0961
Fax: (619) 532-0995
E-mail: LansdaleLL@efdsw.navfac.navy.mil

WHERE TO GO:

All site-related documents are available for review in the information repository and administrative record file as listed at right.

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Final

Record of Decision
Site 27 – Northern Channel

Former Naval Air Station Moffett Field
Santa Clara County, California

June 24, 2005

Prepared for:

Base Realignment and Closure
Program Management Office West
San Diego, California

Prepared under:

Naval Facilities Engineering Command
Contract Number N68711-03-D-5104
Contract Task Order 023

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ACRONYMS AND ABBREVIATIONS

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COEC	Chemical of ecological concern
DDT	Dichlorodiphenyltrichloroethane
EPA	U.S. Environmental Protection Agency
Lockheed	Lockheed Martin Corporation
mg/kg	Milligrams per kilogram
NAS	Naval Air Station
PCB	Polychlorinated biphenyl
PRG	Preliminary remediation goal
SWEA	Site-wide ecological assessment

DECLARATION STATEMENT FOR SITE 27 – NORTHERN CHANNEL AND RELATED AREAS

SITE NAME AND LOCATION

Site 27 – Northern Channel and Related Areas
Former Naval Air Station Moffett Field
National Aeronautics and Space Administration
Ames Research Center
Moffett Field, California 94035
EPA CERCLIS ID Number CA2170090078

STATEMENT OF BASIS AND PURPOSE

This Record of Decision document presents the selected remedy for Site 27, which includes the Northern Channel and related areas, at the former Naval Air Station Moffett Field. The related areas are defined as the Patrol Road Ditch, North Patrol Road Ditch, Marriage Road Ditch, the berms on either side of the Northern Channel, and the debris pile area located near the Building 191 lift station. Ownership of the Northern Channel and related areas within Site 27 is divided among the National Aeronautics and Space Administration, Lockheed Martin Corporation, U.S. Fish and Wildlife Service, Santa Clara Valley Water District, Cargill Salt, and the City of Sunnyvale. The remedy was selected in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act, as amended by the Superfund Amendments and Reauthorization Act and, to the extent practicable, with the National Oil and Hazardous Substances Pollution Contingency Plan. This decision is supported by information contained in the Administrative Record for Site 27, the Northern Channel and related areas. The U.S. Environmental Protection Agency and the State of California, through the San Francisco Bay Regional Water Quality Control Board, concur with the selected remedy. This Record of Decision also includes a responsiveness summary, which describes the public participation conducted and provides responses to comments received during the public comment period.

ASSESSMENT OF THE SITE

The selected remedy in this Record of Decision is necessary to protect the public health and welfare and the environment from actual or threatened releases of pollutants, contaminants, or hazardous substances from the site.

DESCRIPTION OF THE SELECTED REMEDY

The selected remedy will address direct contact between sediments and environmental receptors through excavation and off-site disposal of sediments and soils containing the following chemicals of ecological concern.

- Total polychlorinated biphenyls (the sum of Aroclor-1254 and Aroclor-1260)
- Total dichlorodiphenyltrichloroethane (the sum of 4,4-dichlorodiphenyltrichloroethane, 4,4-dichlorodiphenyldichloroethane, and 4,4-dichlorodiphenyldichloroethene)
- Total chlordane (the sum of alpha- and gamma-chlordane)
- Cadmium
- Lead
- Mercury
- Selenium
- Silver
- Zinc

These chemicals were identified as the primary chemicals driving risk to ecological receptors at Site 27. In addition, all of these chemicals were detected in sediment at concentrations exceeding their respective cleanup goals except for total chlordane. Total polychlorinated biphenyls consisted of Aroclor-1254 and Aroclor-1260 because no other Aroclors were detected and the congener-specific data did not support the presence of other Aroclors in the Northern Channel or related areas. The Navy is addressing total dichlorodiphenyltrichloroethane and total chlordane as part of the selected remedy at Site 27 because these chemicals are the result of runoff from other areas. The following sediment cleanup goals were established for each chemical of ecological concern to protect sensitive ecological receptors:

- Total Polychlorinated Biphenyls: 0.35 milligrams per kilogram (mg/kg) (or 350 micrograms per kilogram)
- Total Dichlorodiphenyltrichloroethane: 0.0648 mg/kg (or 64.8 micrograms per kilogram)
- Total Chlordane: 0.931 mg/kg (or 931 micrograms per kilogram)
- Cadmium: 184 mg/kg
- Lead: 173 mg/kg
- Mercury: 1.52 mg/kg
- Selenium: 0.926 mg/kg
- Silver: 13.7 mg/kg
- Zinc: 720 mg/kg

Additionally, residential preliminary remediation goals were identified as cleanup goals for soil in the berms for each chemical below (U.S. Environmental Protection Agencies 2004).

- Total Polychlorinated Biphenyls: 0.22 mg/kg (or 220 micrograms per kilogram)
- Dichlorodiphenyldichloroethane: 2.4 mg/kg (or 2,400 micrograms per kilogram);
  Dichlorodiphenyldichloroethene: 1.7 mg/kg (or 1,700 micrograms per kilogram;
  Dichlorodiphenyltrichloroethane: 1.7 mg/kg (or 1,700 micrograms per kilogram)
- Total Chlordane: 1.6 mg/kg (or 1,600 micrograms per kilogram)
- Cadmium: 37 mg/kg
- Lead: 150 mg/kg (California-modified preliminary remediation goal)
- Mercury: 23 mg/kg
- Selenium: 390 mg/kg
- Silver: 390 mg/kg
- Zinc: 23,000 mg/kg

The selected remedy for Site 27 is consistent with the findings of the remedial investigation and feasibility study and complies with the basewide management strategy to accelerate remedial actions at operable units while identifying and closing out sites that do not require action. The selected remedy includes confirmation sampling to ensure that sediments containing chemicals at concentrations above sediment and soil cleanup goals are removed.

The major components of the selected remedy include:

- Excavating sediment in areas where concentrations of chemicals of ecological concern exceed cleanup goals considered safe for birds such as the great blue heron and the black-necked stilt, which are considered the most sensitive ecological receptors likely to be present in the Northern Channel and related areas, given site uses.

- Excavating sediment from the debris pile and soil from portions of the berms along the Northern Channel.

- Transporting excavated sediments off site to an appropriate disposal facility.

- Collecting confirmation samples in the excavation sidewalls to ensure that sediment and soil exceeding the cleanup goals was removed in accordance with the guidelines established in this Record of Decision.

- Restoring Site 27 by (1) backfilling selected areas of the Northern Channel and ditches as needed to maintain the hydrologic conditions (2) backfilling the excavated areas of the berms with clean soil (free from contaminants), and (3) revegetating the berms with plants native to California.

The excavation will extend according to the following limits:

- Contaminated sediments from the entire length of the Northern Channel.
- Contaminated sediments from the debris pile.
- Contaminated soil from (1) the western end of the Cargill and National Aeronautics and Space Administration berms adjacent to Building 191, and (2) the Lockheed Martin Corporation berm near the eastern end of the Northern Channel.
- Contaminated sediments from the entire length of the North Patrol Road Ditch.
- Contaminated sediments from approximately a 1,700-foot length of the Marriage Road Ditch.

STATUTORY DETERMINATIONS

The selected remedy is protective of human health and the environment, complies with federal and state applicable or relevant and appropriate requirements, and is cost-effective. The selected remedy does not satisfy the statutory preference for treatment as a principal element. Uncertainty about the effectiveness of the biotreatment techniques for the specific organic compounds present at Site 27, and the essentially "untreatable" nature of the metals, precluded selection of a remedy that would treat contaminants effectively. Therefore, the reasonably available treatment technologies would not adequately reduce the toxicity level of the chemicals of ecological concern in sediment at Site 27. The U.S. Department of the Navy, U.S. Environmental Protection Agency, and the San Francisco Bay Regional Water Quality Control Board have determined that the selected remedy represents the maximum extent to which permanent solutions and alternative treatment technologies can be used in a cost-effective manner. A five-year review will not be required under the selected remedy because no contamination will be left in place at concentrations that would require institutional controls to restrict land use.

RECORD OF DECISION CERTIFICATION CHECKLIST

The following information is included in this Record of Decision:

- Chemicals of ecological concern and their concentrations (see Section 5.0)
- Baseline risk represented by the chemicals of ecological concern (see Section 7.0)
- Cleanup goals established for the chemicals of ecological concern and the basis for these levels (see Section 7.0)
- How source materials that constitute principal threats are addressed (see Section 5.0)

- Current and reasonably anticipated future land-use assumptions considered in the baseline risk assessment and this Record of Decision (see Section 6.0)

- Potential land use that will be available at the site due to the selected remedy (see Section 12.0)

- Estimated capital, total operation and maintenance, total and current worth costs, discount rate, and the number of years over which the costs of the remedy are projected (see Section 10.0)

- Key factors that led to selecting the remedy (see Section 12.0)

Additional information can be found in the Administrative Record for Site 27; Appendix A provides an index of the Administrative Record for Site 27.

AUTHORIZING SIGNATURES

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Base Realignment and Closure Environmental Coordinator
Department of the Navy
Base Realignment and Closure Program Management Office West

23 June 2005
Date

Kathleen Johnson
Federal Facility and Site Cleanup Branch Chief
United States Environmental Protection Agency, Region IX

Date

Bruce H. Wolfe
Executive Officer
San Francisco Bay Regional Water Quality Control Board

Date

1.0 SITE NAME, LOCATION, AND DESCRIPTION

This section summarizes the site, including the name and location of the site, U.S. Environmental Protection Agency (EPA) identification number, lead and support agencies, source of cleanup monies, site type, site description, and site ownership.

1.1 SITE NAME AND LOCATION

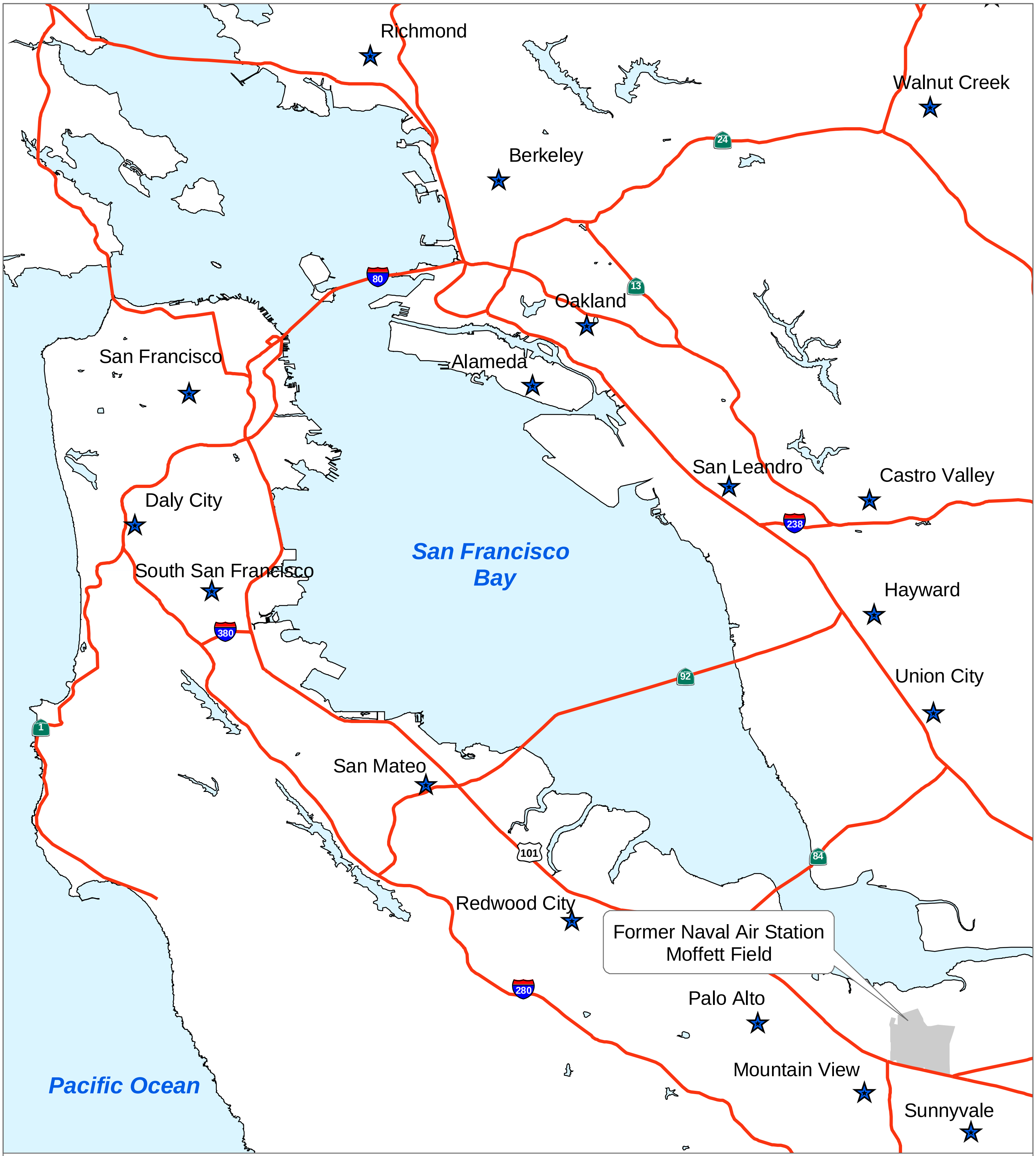
This Record of Decision addresses Site 27, which includes the Northern Channel and related areas, at the former Naval Air Station (NAS) Moffett Field in California. The former NAS Moffett Field is located near the southern edge of San Francisco Bay in Santa Clara County. Figure 1 is the regional location map. The former NAS Moffett Field is bounded by the U.S. Fish and Wildlife Service Diked Ponds (formerly the Cargill Evaporation Ponds, owned by Cargill Salt) to the north, Stevens Creek and the Midpeninsula Regional Open Space District's property to the west, U.S. Highway 101 to the south, and the Lockheed Martin Corporation (Lockheed) to the east. The cities of Mountain View and Sunnyvale, California, also border the former NAS Moffett Field. Sunnyvale is located southeast of Mountain View, and both cities are adjacent to the southern portion of the former NAS Moffett Field. Site 27 includes the Northern Channel and related areas, which are defined as the Patrol Road Ditch, North Patrol Road Ditch, Marriage Road Ditch, the berms on either side of the Northern Channel, and the debris pile area located near the Building 191 lift station. Figure 2 shows the location of Site 27.

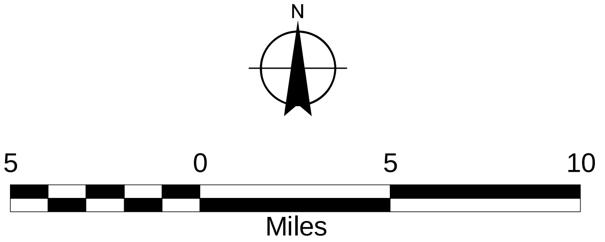
1.2 U.S. ENVIRONMENTAL PROTECTION AGENCY IDENTIFICATION NUMBER

The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System identification number for the former NAS Moffett Field is CA2170090078.

1.3 LEAD AND SUPPORT AGENCIES

The lead agency for activities conducted at this site is the U.S. Department of the Navy (hereafter referred to as the "Navy"). The lead regulatory agency is EPA. The supporting regulatory agency is the San Francisco Bay Regional Water Quality Control Board. Environmental investigation and restoration at the former NAS Moffett Field, and specifically at Site 27, are conducted under the Navy's Installation Restoration Program. The Installation Restoration Program was developed in 1980 by the U.S. Department of Defense to comply with federal guidelines to manage and control past waste disposal actions. Installation Restoration Program activities are carried out under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act, as amended by the Superfund Amendments and Reauthorization Act, and with the National Oil and Hazardous Substances Pollution Contingency Plan, also known as the "Superfund" program.





Former Naval Air Station Moffett Field, California

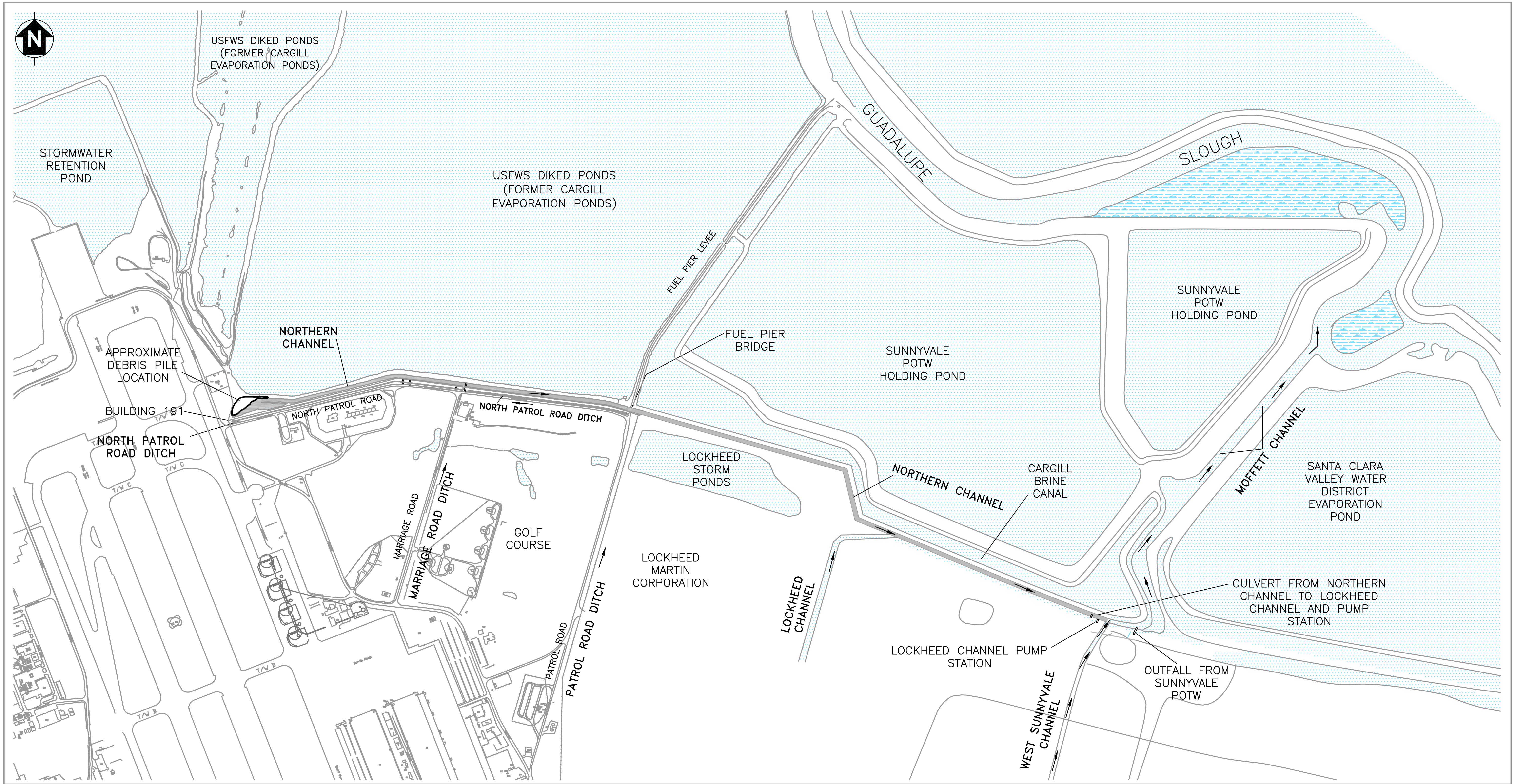
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 1

FACILITY LOCATION MAP

Record of Decision
Site 27 - Northern Channel

2004/06/01 V:\Projects\B060\SAP\Fig1.mxd SCG - SD Shane C. DeGross



N
USFWS DIKED PONDS (FORMER CARGILL EVAPORATION PONDS)
STORMWATER RETENTION POND
USFWS DIKED PONDS (FORMER CARGILL EVAPORATION PONDS)
GUADALUPE
SLOUGH
FUEL PIER LEVEE
NORTHERN CHANNEL
FUEL PIER BRIDGE
SUNNYVALE POTW HOLDING POND
SUNNYVALE POTW HOLDING POND
APPROXIMATE DEBRIS PILE LOCATION
BUILDING 191
NORTH PATROL ROAD
NORTH PATROL ROAD DITCH
NORTH PATROL ROAD DITCH
LOCKHEED STORM PONDS
NORTHERN CHANNEL
CARGILL BRINE CANAL
MOFFETT CHANNEL
SANTA CLARA VALLEY WATER DISTRICT EVAPORATION POND
MARRIAGE ROAD
MARRIAGE ROAD DITCH
GOLF COURSE
LOCKHEED MARTIN CORPORATION
LOCKHEED CHANNEL
PATROL ROAD
PATROL ROAD DITCH
CULVERT FROM NORTHERN CHANNEL TO LOCKHEED CHANNEL AND PUMP STATION
LOCKHEED CHANNEL PUMP STATION
OUTFALL FROM SUNNYVALE POTW
WEST SUNNYVALE CHANNEL
T/W C
T/W B

→ DIRECTION OF FLOW

▨ SURFACE WATER

▨ MARSH LAND

500 0 500 1,000

Scale: 1" = 1,000'

Notes:

POTW	Publicly owned treatment works
USFWS	U.S. Fish and Wildlife Service

SulTech

Former Naval Air Station Moffett Field

U.S. Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 2
SITE LOCATION MAP

Record of Decision
Site 27 - Northern Channel

1.4 SOURCE OF CLEANUP MONIES

Funding for environmental investigation and remediation conducted under the Installation Restoration Program is provided by the Navy.

1.5 SITE TYPE

Site 27 includes most of the stormwater management system for the eastern half of the former NAS Moffett Field associated with each of the individual waterways.

1.6 SITE DESCRIPTION

Site 27 includes the Northern Channel, related ditches that drain into the Northern Channel, the berms along either side of the Northern Channel, and the debris pile near the Building 191 lift station. The Northern Channel is located near the northeastern boundary of the former NAS Moffett Field (see Figure 2). Historically, the Northern Channel has received stormwater runoff from the former NAS Moffett Field and National Aeronautics and Space Administration Ames Research Center. Portions of the Northern Channel that are owned by Lockheed, Cargill Salt, and the Santa Clara Valley Water District extend eastward, approximately 5,500 feet beyond the boundary of the former NAS Moffett Field, and are also included within this Record of Decision (see Figure 2). The areas that make up Site 27 are summarized below; detailed descriptions of the areas are provided in the "Northern Channel Feasibility Study (Site 27)" (Tetra Tech EM Inc. 2003).

- **Northern Channel and Berms.** Nearly 2 miles long, the Northern Channel receives stormwater from the eastern portion of the former NAS Moffett Field. Water in the channel flows east, approximately 1 mile beyond the boundary of the former NAS Moffett Field into Lockheed Channel. The Northern Channel flows by gravity at this termination point through a pipe to the terminus of the Lockheed Channel, which runs parallel to the eastern end of the Northern Channel. The two channels are separated by a levee. Water from the terminus of Lockheed Channel is pumped into the Moffett Channel, which drains into Guadalupe Slough and eventually into San Francisco Bay. The Northern Channel provides brackish surface water habitat of moderate value to wildlife. The surface area of the channel is about 9 acres; its bottom substrate is sediment, and the banks are fill material. The width of the channel is 40 to 50 feet, but increases to 70 feet at the western end; the channel is about 10,000 feet long, and the bottom of the channel lies approximately 2.8 feet below mean sea level. The north levee is made of compacted hard clay and is approximately 5 feet high (above the water level in the channel), with flat surfaces and steep side slopes. The slopes of the bank are moderately eroded with loose surface material that supports a moderate amount of plants. The south levee is also made of compacted clays and supports a greater diversity of vegetation. Wildlife surveys have detected the presence of the western pond turtle, various plants, and a wide variety of shore birds and waterfowl in the area.

- **Marriage Road Ditch.** Located east of the runways, Marriage Road Ditch divides the golf course at the former NAS Moffett Field. The ditch extends about 2,300 feet, and the bottom of the ditch is 5 to 6 feet below mean sea level. Water flowing in Marriage Road Ditch is perennial and portions of the ditch are lined with concrete. Surface water from the east apron area and from the storm drains in and around Hangars 2 and 3 discharges into the ditch. Marriage Road Ditch receives additional runoff from the southern two-thirds of the runways and the golf course east and west of the ditch. Surface water from Marriage Road Ditch drains into North Patrol Road Ditch. During the rainy season, surface water from Marriage Road Ditch is occasionally pumped directly into the Northern Channel to prevent flooding during storms. The probable source of contamination in Marriage Road Ditch is historical surface water runoff from storm drains. These storm drains collected runoff from the paved and unpaved areas around Hangars 2 and 3 and conveyed it to Marriage Road Ditch. The ditch provides habitat for insects, worms, snails, and the western pond turtle. Several species of plants grow in and along the sides of the ditch.

- **Patrol Road Ditch.** Patrol Road Ditch (also known as the East Patrol Road Ditch) is a surface drainage feature that runs 2,100 feet along the eastern boundary of the former NAS Moffett Field; the bottom of the ditch is about 5 to 6 feet below mean sea level. The ditch is part of the storm drain system at the former NAS Moffett Field. Its flow in the southern end is intermittent and depends on rainfall. The northern end of the ditch receives regular runoff from irrigation of the golf course and contains water year round. Surface water from Patrol Road Ditch flows into North Patrol Road Ditch through a culvert during periods of high water; water from the ditch is occasionally pumped directly to the Northern Channel during winter rainstorms. The probable source of contamination is surface water runoff into the storm drains that feed into Patrol Road Ditch. During the wet season, the northern end of the ditch provides open water and emergent vegetation. During the dry season, the southern end consists of habitat similar to upland areas. Several species of birds have been identified in Patrol Road Ditch.

- **North Patrol Road Ditch.** This ditch runs 4,300 feet along the North Patrol Road, parallel to and south of the Northern Channel. The western portion of the ditch is lined with concrete, lies about 5 to 6 feet below mean sea level, and generally contains water year-round. The North Patrol Road Ditch carries surface water from east to west toward the Building 191 lift station. The North Patrol Road Ditch is an integral part of the storm drain system at Moffett. North Patrol Road Ditch receives stormwater from Marriage Road Ditch, Patrol Road Ditch, and the golf course. Surface water flow through the North Patrol Road Ditch is intermittent and depends on rainfall. The banks of the ditch are defined and are made of fill material and emergent vegetation but represent poor wetland habitat. Species observed here include ducks, doves, burrowing owls, and squirrels.

- **Debris Pile.** The debris pile is located north of the Building 191 lift station at the western end of the Northern Channel, between the north bank of the channel and south bank of the U.S. Fish and Wildlife Service Diked Ponds. The pile consists of about 10,000 cubic yards of dredged sediment from the Northern Channel and construction debris from the 1950s to 1990s.

The following chemicals of ecological concern are present in sediment from the Northern Channel and related areas:

- Total polychlorinated biphenyls (the sum of Aroclor-1254 and Aroclor-1260)
- Total dichlorodiphenyltrichloroethane (the sum of 4,4-dichlorodiphenyltrichloroethane, 4,4-dichlorodiphenyldichloroethane, and 4,4-dichlorodiphenyldichloroethene)
- Total chlordane (the sum of alpha- and gamma-chlordane)
- Cadmium
- Lead
- Mercury
- Selenium
- Silver
- Zinc

Total polychlorinated biphenyls consisted of the sum of Aroclor-1254 and Aroclor-1260 because no other Aroclors were detected and the congener-specific data did not support the presence of other Aroclors in the Northern Channel or related areas.

1.7 OWNERSHIP

Ownership of the Northern Channel and related areas within Site 27 is divided among National Aeronautics and Space Administration, Lockheed, U.S. Fish and Wildlife Service, Santa Clara Valley Water District, Cargill Salt, and the City of Sunnyvale. National Aeronautics and Space Administration owns the southern berm along the northern boundary of the former NAS Moffett Field and a portion of the property where the debris pile is located. In addition, National Aeronautics and Space Administration owns the Marriage Road Ditch, the Patrol Road Ditch, and the North Patrol Ditch. Lockheed owns the southern berm along the northern boundary of its property and a small portion of the Northern Channel. Cargill Salt owns the remainder of the berm, the Northern Channel, and the remainder of the area where the debris pile is located. U.S. Fish and Wildlife Service purchased the saltwater evaporation ponds adjacent to Site 27 from Cargill Salt in 2003. The City of Sunnyvale owns ponds and a publicly owned treatment works located near the eastern end of the Northern Channel. In addition, Sunnyvale leases a portion of the berms for hiking and biking trails. Figure 2 showed the general areas associated with each property owner.

2.0 SITE HISTORY AND ENFORCEMENT ACTIVITIES

The former Naval Air Station (NAS) Moffett Field was operated by the Navy from 1933 to 1935 and again from 1942 to 1994. The U.S. Army Air Corps operated the facility from 1935 to 1942. The facility initially supported the West Coast airships of the lighter-than-air program and later was used in various aviation-related capacities, which included transport, training, and anti-submarine patrol activities. The former NAS Moffett Field was closed as an active military base in July 1994. National Aeronautics and Space Administration Ames Research Center, a research and development facility, now operates the former NAS Moffett Field, except for the military housing area that is operated by the U.S. Army.

Environmental restoration began at the former NAS Moffett Field in 1984 as part of the Navy's Installation Restoration Program. The Navy conducted an initial assessment study to gather data on past use and disposal of hazardous materials (Naval Energy and Environmental Support Activity 1984). Nineteen sites were identified as potential sources of wastes, including 9 sites identified in the initial assessment study and 10 sites added during subsequent investigations in 1986 and 1987. U.S. Environmental Protection Agency proposed that NAS Moffett Field be included on the National Priorities List in June 1986, and placed it on the National Priorities List in 1987. Placement on the National Priorities List initiated the remedial investigation and feasibility study process under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Data collected during the initial studies were used to plan the remedial investigations and feasibility studies. This work was coordinated through a Federal Facility Agreement that involved the Navy, U.S. Environmental Protection Agency, California Department of Toxic Substances Control, and the San Francisco Bay Regional Water Quality Control Board, which was signed on September 14, 1990. The Federal Facility Agreement is a cooperative agreement that:

- Assures that environmental impacts are investigated and appropriate response actions are taken to protect human health and the environment
- Establishes a procedural framework and schedule for developing, implementing, and monitoring appropriate response actions
- Facilitates cooperation, exchange of information, and participation of the parties
- Ensures adequate assessment, prompt notification, and coordination between federal and state agencies

Sites included under the CERCLA program at the former NAS Moffett Field were organized into operable units in 1991. Site 27 is considered part of Operable Unit 6. In December 1999, Operable Unit 6 was defined as wetland areas, stormwater retention ponds, and storm channels (Tetra Tech EM Inc. 1999b). Information on the history of the Northern Channel is incomplete. In the early 1900s, several artificial channels were built in the southern portion of San Francisco Bay for navigation. It is possible that the Northern Channel was built for this purpose; however, its construction may have been associated with development of the former saltwater evaporation pond system that now encircles the southern portion of San Francisco Bay.

Plans dated 1932 for the sewer and stormwater system at the former NAS Moffett Field identify the Northern Channel as a "Tidewater Channel," drained by gravity to San Francisco Bay. The Northern Channel is not currently in direct communication with the marine environment of the bay, but terminates about 1 mile east of the eastern boundary of the former NAS Moffett Field (see Figure 2). Regional land subsidence caused by groundwater overdrafts between the 1950s and 1970s may have necessitated the present use of pumps to convey water from the Northern Channel and Lockheed Channel into the bay.

Maps from 1932 indicate that the Northern Channel received direct inputs from the former Lindbergh Avenue Ditch, which was the original stormwater drainage system at the former NAS Moffett Field. The 1932 maps also indicate that the Northern Channel received direct inputs from a former septic tank system at the facility. There are also indications that the Northern Channel received inputs of treated water from a wastewater treatment facility at the former NAS Moffett Field. In the 1950s the runways were extended and the stormwater drainage system was modified. Surface water from the eastern portion of the site, including the runways and aircraft aprons, now drains through a system of surface channels and a subsurface drain under the runways to the Building 191 lift station where it is pumped into the western end of the Northern Channel.

Marriage Road Ditch is located east of the runways and divides the golf course (see Figure 2). Constructed in the 1940s, Marriage Road Ditch was part of the eastern expansion at the former NAS Moffett Field. Stormwater from this ditch discharges to the North Patrol Road Ditch. Patrol Road Ditch is a surface drainage feature that receives a portion of stormwater flow from the area of the base east of Macon Road, the fuel farm area (Site 5), and the portion of the golf course east of Marriage Road Ditch (see Figure 2). Constructed in 1933, Patrol Road Ditch is an unlined 2,100-foot-long ditch on the eastern boundary of the former NAS Moffett Field. Surface water from Patrol Road Ditch flows into North Patrol Road Ditch through a culvert during periods of high water; water from the ditch is occasionally pumped directly to the Northern Channel during winter rainstorms. North Patrol Road Ditch, historically referred to as the "Navy Ditch," is located south of and parallel to the Northern Channel (see Figure 2). Constructed in 1933, the North Patrol Road Ditch is 4,300 feet long; the western portion of the ditch is lined with concrete. Stormwater from this ditch flows to the Building 191 pump station and is then discharged to the North Channel.

From 1992 to 2002, the Navy conducted a number of environmental studies, including a site-wide ecological assessment in two phases (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995a, 1997). The ecology and nature and extent of contamination at Site 27 were evaluated during these investigations. Potential risks to ecological receptors from contaminated sediments were identified in the station-wide remedial investigation (PRC Environmental Management, Inc. 1996) and the final Phase II site-wide ecological assessment (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). In addition, the station-wide remedial investigation also included a human health risk assessment (PRC

Environmental Management, Inc. 1996). Final and revised final station-wide feasibility study reports were prepared in October 1998 and September 1999, respectively. These documents concluded, however, that the Northern Channel and related areas would no longer be evaluated in the station-wide feasibility study because of its unique characteristics. The physical characterization study for the Northern Channel provided additional information on contamination found in the Northern Channel (Montgomery Watson, Inc. 2000). However, further work indicated a number of data gaps associated with the Northern Channel and related areas. In addition, no data for soil or sediment were collected from either the berms or the debris pile area. Therefore, a data gaps investigation was conducted in May 2002 to collect additional data to complete a feasibility study for the Northern Channel and related areas. The final feasibility study for the Northern Channel and related areas was completed in November 2003 (Tetra Tech EM Inc. 2003).

3.0 HIGHLIGHTS OF COMMUNITY PARTICIPATION

In May 1989, the Navy developed a community relations plan for the former Naval Air Station Moffett Field. The community relations plan outlined specific activities based on environmental concerns voiced by the community. Since 1993, the U.S. Environmental Protection Agency has provided a technical assistance grant to the Silicon Valley Toxics Coalition, a local environmental group. This grant allows Silicon Valley Toxics Coalition to hire a consultant to assist in reviewing environmental documents for the former Naval Air Station Moffett Field. In addition, the Navy formed a technical review committee in 1989, which met quarterly to discuss environmental progress at Site 27. The technical review committee evolved in 1994 into what is now known as the Restoration Advisory Board. The Restoration Advisory Board is made up of members of the technical review committee and the community and holds regular public meetings to discuss environmental progress at the former Naval Air Station Moffett Field.

The remedial investigation report, site-wide ecological assessment report, feasibility study report, proposed plan, and all other documents related to Site 27 can be obtained through the Administrative Record located at Naval Facilities Engineering Command, Southwest Division, 937 North Harbor Drive, Building 1, 3rd Floor, San Diego, California, 92132-5190, and at the Information Repository located at the Mountain View Public Library, 585 Franklin Street, Mountain View, California 94041. An index of the Administrative Record is included as Appendix A.

A public review and comment period for the Site 27 proposed plan was held from May 4, 2004, to June 4, 2004, with a public meeting held on May 20, 2004 (Navy 2004). Representatives from the Navy, U.S. Environmental Protection Agency, and San Francisco Bay Regional Water Quality Control Board answered questions at this meeting, and supplied the rationale for proposing the selected remedy for the Northern Channel and related areas. The public meeting transcript and the Navy responses to comments received during the public meeting and during the public comment period are included in Appendix B, Public Meeting Transcript and Responsiveness Summary, of this Record of Decision. These community participation activities fulfill the requirements of Sections 113(k)(2)(B)(i-v) and 117(a)(2) of the Comprehensive Environmental Response, Compensation, and Liability Act.

No socioeconomic and community revitalization impacts are anticipated as a result of the remedial action because the current site use, stormwater management, will remain the same. Anticipated environmental and ecological benefits include removing sediment and soil in areas where chemical concentrations exceed the cleanup goals considered safe for the most sensitive ecological receptors and revegetating disturbed areas with plants native to California.

4.0 SCOPE AND ROLE OF SITE 27 WITHIN THE BASEWIDE STRATEGY

Former Naval Air Station Moffett Field is a federal facility that contains contaminated sites and potential sources of contamination, which have been identified through various environmental assessments and investigations over the last 15 years. The lead agency for these activities is the Navy, with regulatory oversight by the U.S. Environmental Protection Agency and the San Francisco Bay Regional Water Quality Control Board. The sites investigated under the Comprehensive Environmental Response, Compensation, and Liability Act program have been organized into operable units or other sites as follows:

- Operable Unit 1: Soil and groundwater at Sites 1 and 2 landfills
- Operable Unit 2-East: Soil at Sites 3, 4, 6, 7, 10 (runways), 11, and 13
- Operable Unit 2-West: Soil at Sites 8, 10 (Chase Park), 14-North, 16, 17, and 18
- Operable Unit 5: Aquifers on the eastern side of former Naval Air Station Moffett Field that are not part of the regional plume or Operable Unit 1
- Operable Unit 6: Wetland areas, including Sites 25 and 27
- Petroleum Sites: Sites 5, 9, 12, 14-South, 15, 19, 20, and 24
- Additional Sites: Site 21, Site 22, Site 23, Site 29, weapons storage bunkers, former industrial wastewater flux ponds, and the abandoned former agricultural well

This Record of Decision addresses Site 27, which includes the Northern Channel, Patrol Road Ditch, North Patrol Road Ditch, and Marriage Road Ditch; the debris pile near Building 191 lift station; and the berms along the Northern Channel. The selected remedy described in this Record of Decision will reduce risk associated with exposure to contaminated sediments within the Northern Channel, North Patrol Road Ditch, Marriage Road Ditch, and the debris pile. The Patrol Road Ditch does not require remediation because chemical concentrations in sediment were below cleanup goals. Additionally, this Record of Decision addresses contaminated soil present in the berms along the Northern Channel at concentrations greater than residential preliminary remediation goals (U.S. Environmental Protection Agency 2004) that are protective of human health. The selected remedy will be implemented when the regulatory agencies concur with the remedial design and implementation work plan.

Selection of the remedy for the Northern Channel and related areas within Site 27 is consistent with overall remedial investigation and feasibility study activities at the former Naval Air Station Moffett Field.

5.0 SUMMARY OF SITE CHARACTERISTICS

This section summarizes the geology, hydrogeology, surface water, topological features, ecology, archaeologically and historically important information, and nature and extent of contamination for Site 27, including the Northern Channel and the related areas, at the former Naval Air Station (NAS) Moffett Field. The summary is based on information gathered during station-wide remedial investigations, ecological risk assessments, and the data gaps investigation that focused on the Northern Channel and related areas. Additional information can be found in the station-wide remedial investigation (PRC Environmental Management, Inc. 1996), the Phase II site-wide ecological assessment (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997), the physical characterization report for the Northern Channel (Montgomery Watson, Inc. 2000), and the final feasibility study report for the Northern Channel (Tetra Tech EM Inc. [Tetra Tech] 2003).

5.1 GEOLOGY

The former NAS Moffett Field is located at the northern end of the Santa Clara Valley Basin, approximately 1 mile south of the San Francisco Bay (see Figure 1). The shallow geology of the former NAS Moffett Field consists of alluvial, fluvial, and estuarine deposits (Iwamura 1980). The fluvial deposits were derived from the Santa Cruz highlands west of the basin and deposited on an alluvial plain bounded by alluvial fan deposits to the west and baylands to the northeast (Iwamura 1980). The heterogeneous nature of the channel and inter-channel sediments deposited in the fluvial depositional environment is evident in the many subsurface explorations conducted at the former NAS Moffett Field.

5.2 HYDROGEOLOGY

Groundwater is encountered in silt, sand, and gravel deposits in the shallow subsurface at Site 27. The first saturated interval is often confined, and the groundwater piezometric surface is at or just below ground surface at Site 27 (Tetra Tech EM Inc. 1999b; PRC Environmental Management, Inc. 1995). Coarse-grained deposits readily produce groundwater, whereas fine-grained silts yield much smaller volumes of water (Driscoll 1986; Fetter 1988). The first saturated zone is classified as the A-aquifer at the former NAS Moffett Field. This aquifer extends from just below the ground surface to about 65 feet below the ground surface. Aquifer materials within the A-aquifer range from clays and silts to fine- and medium-grained sands with some coarse-grained gravels (PRC Environmental Management, Inc. and James M. Montgomery Consulting Engineers, Inc. 1992).

Other aquifers below the A-aquifer produce greater amounts of water than the A-aquifer. Continuous and discontinuous aquitards divide the aquifers and aquifer zones. The descriptions of the aquifers and aquitards are based on existing data and lithologic interpretation of soil borings and cone penetrometer tests, as discussed in the 2001 annual groundwater report for the West-Side Aquifers Treatment System and the East-Side Aquifers Treatment System (Tetra Tech FW, Inc. 2003), the “Final Feasibility Study Report for Operable Unit 1” (PRC Environmental Management, Inc. 1995), the “Site 22 Revised Final Feasibility Study Report” (Tetra Tech EM

Inc. 1999a), and the technical memorandum on the geology and hydrogeology of the former NAS Moffett Field (PRC Environmental Management, Inc. and James M. Montgomery Consulting Engineers, Inc. 1992). Of these deeper aquifers, the C-aquifer has historically been used for agricultural purposes in the area that makes up the former NAS Moffett Field. However, no production wells are currently operated at the former NAS Moffett Field. Production wells are defined as wells producing water for beneficial uses such as agricultural or municipal water supply. Groundwater in the C-aquifer is a source of drinking water elsewhere in the Santa Clara Valley (PRC Environmental Management, Inc. and James M. Montgomery Consulting Engineers, Inc. 1992).

The water table at Site 27 fluctuates in response to changes in evapotranspiration rates and infiltrations of precipitation runoff. The first saturated zone is encountered at 1 to 5 feet below ground surface. Tidal influence on the elevation of the water table is negligible. Shallow groundwater of the A-aquifer does not meet water quality criteria identified in State Water Resources Control Board Resolution 88-63 because concentrations of total dissolved solids in groundwater exceed 3,000 milligrams per liter. Shallow groundwater at Site 27 does meet less stringent water quality criteria presented in U.S. Environmental Protection Agency classification guidelines for a potential source of drinking water because concentrations of total dissolved solids are less than 10,000 milligrams per liter across at least part of the site.

5.3 SURFACE WATER

San Francisco Bay is approximately 1 mile north of the former NAS Moffett Field (see Figure 1). Historically, tidal salt marshes and mud flats covered extensive areas of the southern portion of the bay, including the northern portion of the former NAS Moffett Field (PRC Environmental Management, Inc. 1996). However, most of these wetlands have been eliminated or greatly altered. The large area north and northeast of the former NAS Moffett Field was diked more than 50 years ago and was used as commercial saltwater evaporation ponds (PRC Environmental Management, Inc. 1996). In 2003, Cargill Salt, the former owner of the ponds, transferred the ponds to U.S. Fish and Wildlife Service.

Surface water features at the former NAS Moffett Field include stormwater drainage ditches, small ponds maintained on the golf course, the Stormwater Retention Pond, and the Northern Channel. There are no natural streams at the former NAS Moffett Field, although streams are present east and west of the facility. Coyote Creek and Guadalupe Slough drain into San Francisco Bay east of the facility, and Stevens Creek drains into San Francisco Bay to the west.

Stormwater in the western portion of the former NAS Moffett Field drains to a settling basin via underground conduits. The water flows overland from the settling basin northward through the Eastern Diked Marsh to the stormwater retention pond. Stormwater in the eastern portion of the former NAS Moffett Field (including the runways and aircraft aprons) drains through a system of surface channels, including the North Patrol Road Ditch, Marriage Road Ditch, and Patrol Road Ditch, and through subsurface conduits to a subsurface drain at the Building 191 lift station. The lift station pumps water into the western end of the Northern Channel (see Figure 2). During significant rainfall, temporary lift stations pump water from North Patrol Road Ditch directly into the Northern Channel (Tetra Tech EM Inc. 2003).

Water in the Northern Channel flows east by gravity approximately 1 mile beyond the boundary of the former NAS Moffett Field and empties into the Lockheed Martin, Corporation (Lockheed) Channel. The Northern Channel flows by gravity at this termination point through a pipe to the terminus of Lockheed Channel. Water flows from the eastern terminus of the Lockheed Channel, where it is pumped through a lift station and into the Moffett Channel. Water in the Moffett Channel drains into Guadalupe Slough, which drains into San Francisco Bay (Tetra Tech EM Inc. 2003).

5.4 TOPOGRAPHIC FEATURES

The Northern Channel and related areas are located in the northeast area of the former NAS Moffett Field (see Figure 2). The Northern Channel is nearly 2 miles long and receives stormwater from the eastern portion of the former NAS Moffett Field. The channel contains mostly brackish water. The surface area of the channel is about 9 acres; its bottom substrate is sediment, and the banks are fill material from various sources. The width of the channel is 40 to 50 feet, but increases to 70 feet at the west end; the channel is about 10,000 feet long, and the bottom of the channel lies approximately 2.8 feet below mean sea level. The north levee is made of compacted hard clay and is from 2.5 to 5 feet high (above the water level in the channel), with flat surfaces and steep side slopes. Marriage Road Ditch is perpendicular to and south of the Northern Channel and extends about 2,300 feet. The bottom of the ditch is 5 to 6 feet below mean sea level. The North Patrol Road Ditch is parallel to and immediately south of the Northern Channel and runs 4,300 feet. A berm separates the Northern Channel and North Patrol Road Ditch. The bottom of the North Patrol Road Ditch is 5 to 6 feet below mean sea level.

5.5 ECOLOGY

The Northern Channel is a water habitat of moderate value to both aquatic and terrestrial species. However, physical, biological, and anthropogenic factors limit the use of this habitat. The small size and narrow width of the channel and the steepness of the side slopes limit the use of the area by terrestrial species, shorebirds, and wading birds. Maintenance mowing along the levee slopes prevents development of adequate cover that would benefit both terrestrial and aquatic species. The high levels of algal production in the channel are the result of fluctuating levels of dissolved oxygen that may have effects on development and stability of aquatic communities. Sediments are naturally anoxic below the shallow sediment-water boundary as a result of decomposition of relatively high levels of organic material. These conditions are found in many eutrophic, brackish slow-water systems and present challenges to the limnetic and benthic species that inhabit or attempt to inhabit the area.

Ecological surveys were conducted for plants, benthic invertebrates, fish, birds, and mammals (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995a). Results of the surveys are discussed in the following paragraphs. Special-status species, including California species of special concern, are noted for each area when present. Species of special concern status applies to animals not listed under the federal Endangered Species Act or the California Endangered Species Act, but which nonetheless (1) are declining at a rate that could result in listing or (2) historically occurred in low numbers and known threats to their persistence currently exist (California Department of Fish and Game 2005).

Results of ecological surveys indicated that the Northern Channel supports several fish and epibenthic invertebrate species, including mosquitofish (*Gambusia affinis*), longjaw mudsuckers (*Gillichthys mirbilis*), bay shrimp, crabs, and snails (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995a). The physical characterization investigation of the Northern Channel found numerous small conical snails identified as *Assiminea californica*, which are common in pickleweed (*Salicornia virginica*) marshes and can survive wide fluctuations in salinity (Montgomery Watson, Inc. 2000). The most prevalent aquatic invertebrate observed in the habitat and receptor survey (Western Ecological Services Company 1993) was the water boatman (*Trichocorixa* spp.), which was found throughout the Northern Channel.

The vegetative community along the slopes of the berms on either side of the Northern Channel consists predominantly of the following: mustard (*Brassica nigra*), salt brush (*Atriplex patula*), rip-gut brome (*Bromus diandrus*), rabbit's foot grass (*Polypogon monspeliensis*), coyote brush (*Baccharis douglasii*), and alkali heath (*Frankenia salina*). Emergent hydrophytic vegetation, including alkali bulrush (*Scirpus maritimus*), brass buttons (*Cotula cornopifolia*), pickleweed, rabbit's foot grass, salt brush, and salt grass (*Distichlis spicata*), grows along the lower edges of the channel and ranges from 2 inches to 2 feet tall (Tetra Tech EM Inc. 2003). The presence of alkali bulrush and brass buttons as dominant plant species is significant because they are excellent sources of food for waterfowl. However, the relatively small and narrow size of this habitat and the occasional maintenance mowing along the channel banks diminish its overall value.

The Northern Channel provides habitat for a diverse array of water birds, particularly at the west end, where the channel widens and a breached dike forms islands. Prevalent species identified during the Phase I site-wide ecological assessment (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995a) include pied-billed grebe (*Podilymbus podiceps*), common moorhen (*Gallinula chloropus*), mallard duck (*Anas platyrhynchos*), ruddy duck (*Oxyura jamaicensis*), black-necked stilt (*Himantopus mexicanus*), and Forster's tern (*Sterna forsteri*). The great blue heron (*Ardea herodias*) was also identified in the Northern Channel area (Montgomery Watson, Inc. 2000).

More recently, National Aeronautics and Space Administration identified the western pond turtle (*Clemmys marmorata*), a California species of special concern, in the Northern Channel (National Aeronautics and Space Administration 2002).

Marriage Road Ditch is a defined channel with steep fill banks. Hydrophytic vegetation that grows in and along the sides of the ditch includes narrow-leaved cattail (*Typha latifolia*), alkali bulrush, rabbit's foot grass, and curly dock (*Rumex crispus*). Invertebrates identified in the ditch include water boatmen, chironomids, and oligochaetes. Empty gastropod shells were found in Marriage Road Ditch, indicating that gastropods were previously present. The western pond turtle has also been identified in Marriage Road Ditch (National Aeronautics and Space Administration 2002).

Patrol Road Ditch is intermittently flooded by irrigation runoff from the golf course, surface runoff, and seasonal precipitation. Patrol Road Ditch is swale-like and covers 1 acre. Vegetation ranges from low-stature hydrophytes such as pickleweed, salt brush, salt grass, brass buttons, and rabbit's foot grass, to alkali bulrush and narrow-leaved cattails. Patrol Road Ditch provides both open water and ruderal upland habitats (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). Birds identified in Patrol Road Ditch include the common moorhen, American coot (*Fulica americana*), black-necked stilt, and American avocet (*Recurvirostra americana*).

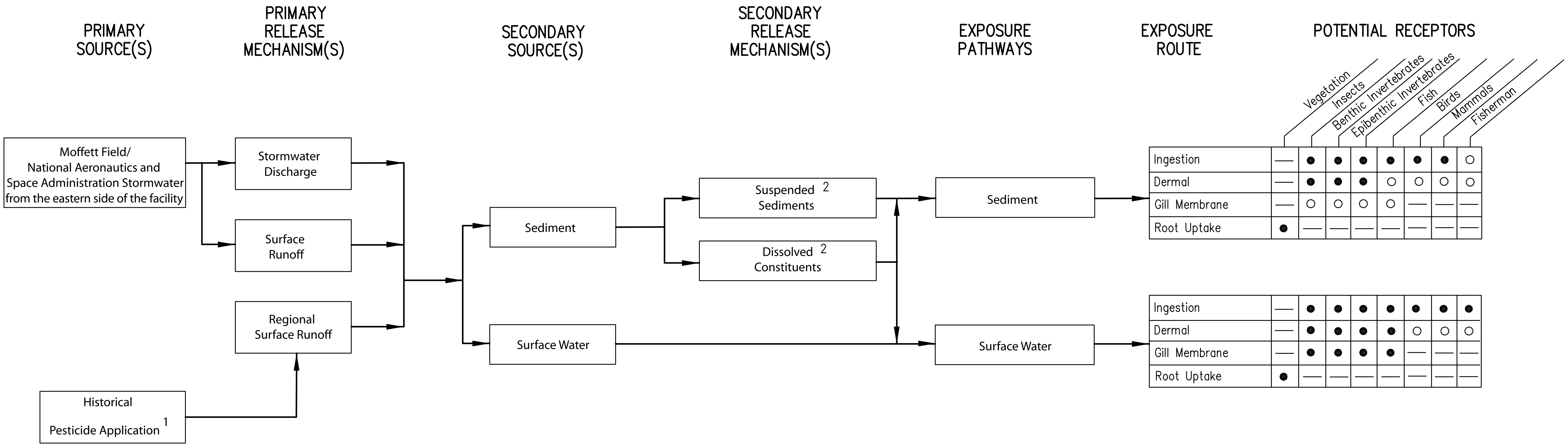
The North Patrol Road Ditch is 2 feet wide with defined banks made of fill material and emergent hydrophytic vegetation, including mustard, salt brush, rip-gut brome, rabbit's foot grass, pickleweed, and alkali heath. Few plant species were observed because of the poor-quality habitat. Birds and mammals observed using the ditch include the mallard duck, common moorhen, killdeer (*Charadrius vociferous*), mourning dove (*Zenaida macroura*), and California ground squirrel. Burrowing owls (*Speotyto cunicularia*), a California species of special concern, use the ruderal habitat provided by the levee that separates the ditch from the Northern Channel. The western pond turtle has also been identified in the North Patrol Road Ditch (National Aeronautics and Space Administration 2002).

5.6 ARCHAEOLOGICAL OR HISTORICALLY IMPORTANT SITES

No archaeological or historically important sites have been identified in the Northern Channel area (National Aeronautics and Space Administration 2002).

5.7 NATURE AND EXTENT OF CONTAMINATION

The Northern Channel and related ditches receive stormwater runoff from the eastern portion of the former NAS Moffett Field. The sources of contamination and the potential exposure pathways are presented in the conceptual site model for the Northern Channel and related areas. Figure 3 shows the conceptual site model for Site 27. Concentrations of metals in sediment in the Northern Channel and related ditches are found to be similar to concentrations in other sediments that receive urban runoff. Stormwater from areas within the former NAS Moffett Field is a source of contamination. This contamination is likely from nonpoint sources because the Northern Channel has historically been flooded by bay water from the Moffett Channel and the former Cargill Salt evaporation ponds when heavy rainfall coincides with high tidal events (spring tides) (Tetra Tech EM Inc. 2003). The concentrations of total polychlorinated biphenyls (PCB) are believed to be from urban runoff and transformers, and the concentrations of total dichlorodiphenyltrichloroethane (DDT) are from application of pesticides at the former NAS Moffett Field for vector control and agriculture.



	Vegetation	Insects	Benthic Invertebrates	Epibenthic Invertebrates	Fish	Birds	Mammals	Fisherman
Ingestion	—	●	●	●	●	●	●	○
Dermal	—	●	●	●	○	○	○	○
Gill Membrane	—	○	○	○	○	—	—	—
Root Uptake	●	—	—	—	—	—	—	—

	Vegetation	Insects	Benthic Invertebrates	Epibenthic Invertebrates	Fish	Birds	Mammals	Fisherman
Ingestion	—	●	●	●	●	●	●	●
Dermal	—	●	●	●	●	○	○	○
Gill Membrane	—	●	●	●	●	—	—	—
Root Uptake	●	—	—	—	—	—	—	—

→ ROUTE POTENTIALLY COMPLETED

○ POTENTIALLY COMPLETE PATHWAY

● COMPLETE PATHWAY

— NO COMPLETE PATHWAY

Notes:
1. Regional nonpoint sources to the estuary unrelated to Navy activites.
2. Changes in salinity, concentration of dissolved or suspended solids, biological cycles, pH, and redox conditions may also alter the form of the chemicals present in the study area.

SulTech

Former Naval Air Station Moffett Field
U.S. Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3
CONCEPTUAL SITE MODEL

Record of Decision
Site 27 - Northern Channel

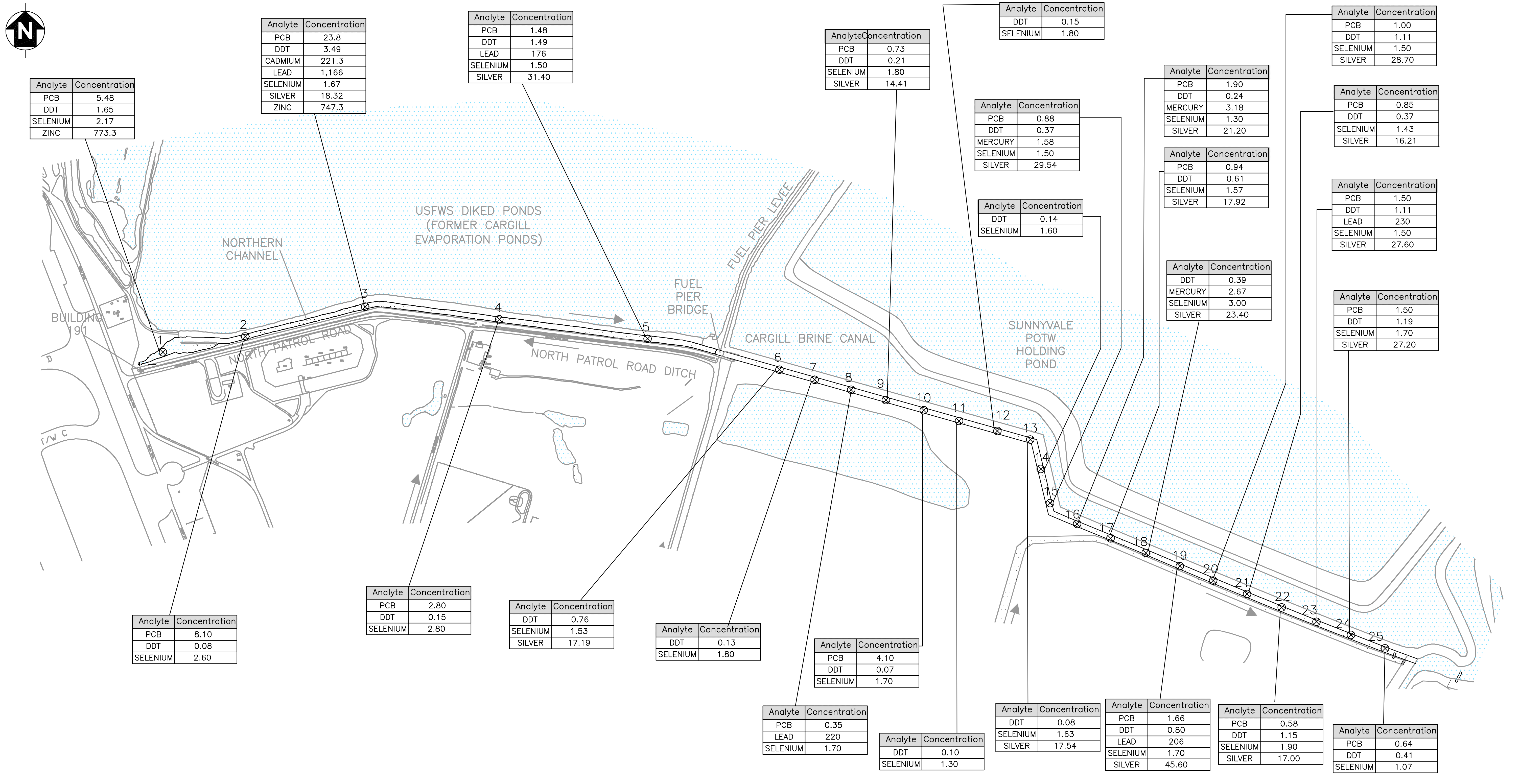
From 1992 to 2002, the Navy conducted a series of environmental studies to assess the ecology and the nature and extent of contamination at Site 27, and specifically the Northern Channel. Initial studies of the Northern Channel and related areas, such as the Phase I and Phase II site-wide ecological assessments (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995b, 1997), identified PCBs, pesticides, and metals as chemicals of ecological concern (COEC) in sediments in the Northern Channel. However, the limited data collected were not adequate to characterize the lateral and vertical extent of these chemicals in the Northern Channel, particularly in its eastern end. Sample points from the physical characterization study for the Northern Channel extended farther east but characterized only the lateral and vertical extent of PCBs in sediment (Montgomery Watson, Inc. 2000). Therefore, additional data were collected during the data gaps investigation in May 2002 to more fully characterize the lateral and vertical extent of contaminants in the channel (Tetra Tech EM Inc. 2003). Figure 4 shows the Northern Channel transect locations and the locations where PCBs, DDT, and metals were detected in sediment at concentrations exceeding cleanup goals.

During September 2004, soil samples were collected from the Lockheed berm located south of the Northern Channel because this berm was not sampled during the data gaps investigation (Tetra Tech FW, Inc. 2005). The Lockheed berm sampling locations are shown on Figure 5.

The following sections describe the sampling strategy, the types of samples collected, and the concentrations of chemicals identified in sediment and soil samples collected from the Northern Channel and related areas, the berms, and the debris pile during the data gaps investigation. The feasibility study was based on data collected during the data gaps investigation (Tetra Tech EM Inc. 2003). The following sections also present the results of soil samples collected collected along the Lockheed berm after the feasibility study was completed. Groundwater was not investigated at Site 27 because (1) groundwater in the area is not considered of beneficial use due to its high concentrations of total dissolved solids and (2) COECs such as PCBs and DDT detected in the sediments are generally hydrophobic and immobile and, therefore, are not expected to migrate via groundwater.

5.7.1 Sampling Strategy

In May 2002, samples of sediment (at several depth intervals) and the clay layer were collected from the Northern Channel at 25 regularly spaced transects to further investigate the nature and extent of contamination during the data gaps investigation (Tetra Tech EM Inc. 2003). The 25 transects included 5 between Building 191 and the Fuel Pier Bridge and 20 between the Fuel Pier Bridge and the eastern terminus of the Northern Channel. Figure 4 shows the Northern Channel transect locations and the locations where PCBs, DDT, and metals were detected in sediment at concentrations exceeding cleanup goals. Surface water, plant, benthic invertebrate, and fish tissue samples were also collected at most of the sediment sampling locations. More details on the sampling strategy are provided in the final feasibility study report for the Northern Channel (Tetra Tech EM Inc. 2003).



Analyte	Concentration
PCB	5.48
DDT	1.65
SELENIUM	2.17
ZINC	773.3

Analyte	Concentration
PCB	23.8
DDT	3.49
CADMIUM	221.3
LEAD	1,166
SELENIUM	1.67
SILVER	18.32
ZINC	747.3

Analyte	Concentration
PCB	1.48
DDT	1.49
LEAD	176
SELENIUM	1.50
SILVER	31.40

Analyte	Concentration
PCB	0.73
DDT	0.21
SELENIUM	1.80
SILVER	14.41

Analyte	Concentration
DDT	0.15
SELENIUM	1.80

Analyte	Concentration
PCB	0.88
DDT	0.37
MERCURY	1.58
SELENIUM	1.50
SILVER	29.54

Analyte	Concentration
DDT	0.14
SELENIUM	1.60

Analyte	Concentration
PCB	1.90
DDT	0.24
MERCURY	3.18
SELENIUM	1.30
SILVER	21.20

Analyte	Concentration
PCB	0.94
DDT	0.61
SELENIUM	1.57
SILVER	17.92

Analyte	Concentration
DDT	0.39
MERCURY	2.67
SELENIUM	3.00
SILVER	23.40

Analyte	Concentration
PCB	1.00
DDT	1.11
SELENIUM	1.50
SILVER	28.70

Analyte	Concentration
PCB	0.85
DDT	0.37
SELENIUM	1.43
SILVER	16.21

Analyte	Concentration
PCB	1.50
DDT	1.11
LEAD	230
SELENIUM	1.50
SILVER	27.60

Analyte	Concentration
PCB	1.50
DDT	1.19
SELENIUM	1.70
SILVER	27.20

Analyte	Concentration
PCB	8.10
DDT	0.08
SELENIUM	2.60

Analyte	Concentration
PCB	2.80
DDT	0.15
SELENIUM	2.80

Analyte	Concentration
DDT	0.76
SELENIUM	1.53
SILVER	17.19

Analyte	Concentration
DDT	0.13
SELENIUM	1.80

Analyte	Concentration
PCB	0.35
LEAD	220
SELENIUM	1.70

Analyte	Concentration
PCB	4.10
DDT	0.07
SELENIUM	1.70

Analyte	Concentration
DDT	0.10
SELENIUM	1.30

Analyte	Concentration
DDT	0.08
SELENIUM	1.63
SILVER	17.54

Analyte	Concentration
PCB	1.66
DDT	0.80
LEAD	206
SELENIUM	1.70
SILVER	45.60

Analyte	Concentration
PCB	0.58
DDT	1.15
SELENIUM	1.90
SILVER	17.00

Analyte	Concentration
PCB	0.64
DDT	0.41
SELENIUM	1.07

⊗	TRANSECT SEDIMENT SAMPLING LOCATION
→	DIRECTION OF FLOW
▨	SURFACE WATER

CLEANUP GOALS

TOTAL PCBs	= 0.350 mg/kg
TOTAL DDT	= 0.0648 mg/kg
CADMIUM	= 184 mg/kg
LEAD	= 173 mg/kg
MERCURY	= 1.52 mg/kg
SELENIUM	= 0.926 mg/kg
SILVER	= 13.7 mg/kg
ZINC	= 720 mg/kg)

Notes:
Only concentrations that exceed cleanup goals are shown (in mg/kg).
Concentrations along transects 1, 3, 5, 6, 13, 15, 17, 21, and 25 are the average of three borings collected at the same sample depth interval.

COEC	Chemical of ecological concern
DDT	Dichlorodiphenyltrichloroethane
mg/kg	Milligrams per kilogram
PCB	Polychlorinated biphenyl
POTW	Publicly owned treatment works
USFWS	U.S. Fish and Wildlife Service

350 0 350 700
Scale: 1" = 700'

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FIGURE 4
NORTHERN CHANNEL TRANSECT LOCATIONS AND ASSOCIATED SEDIMENT CONCENTRATIONS OF COECs THAT EXCEED CLEANUP GOALS
Record of Decision
Site 27 - Northern Channel

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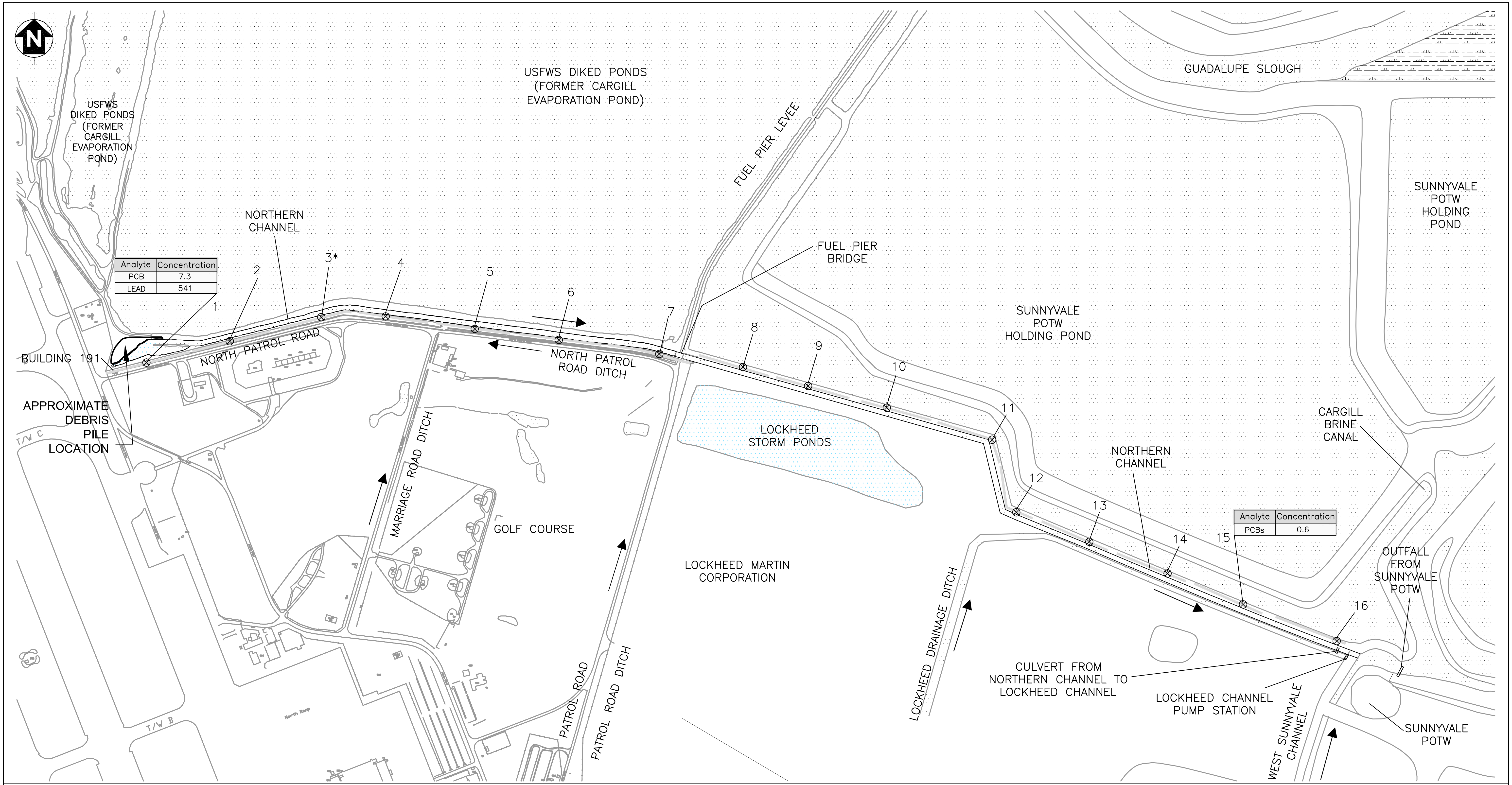

⊗ TRANSECT BERM SAMPLING LOCATION

— BERM TRANSECT LOCATION

→ DIRECTION OF FLOW

▨ SURFACE WATER

▨ MARSH LAND

RESIDENTIAL PRGs

TOTAL PCBs = 0.220 mg/kg
DDD = 2.40 mg/kg
DDE = 1.70 mg/kg
DDT = 1.70 mg/kg
LEAD = 150 mg/kg
MERCURY = 23 mg/kg
SELENIUM = 390 mg/kg
SILVER = 390 mg/kg
ZINC = 23,000 mg/kg

Notes: Only the highest concentrations at each sample location that exceed cleanup goal are shown (in mg/kg)

* A composite sample in transect 3 exceeded the PRG for PCBs, however, no discrete samples in transect 3 exceed the PRG.

COEC	Chemical of ecological concern
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
mg/kg	Milligrams per kilogram
PCB	Polychlorinated biphenyl
POTW	Publicly owned treatment works
USFWS	U.S. Fish and Wildlife Service

350 0 350 700
Scale: 1" = 700'

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FIGURE 5
BERM TRANSECT LOCATIONS WITH SOIL CONCENTRATIONS THAT EXCEED RESIDENTIAL PRELIMINARY REMEDIATION GOALS

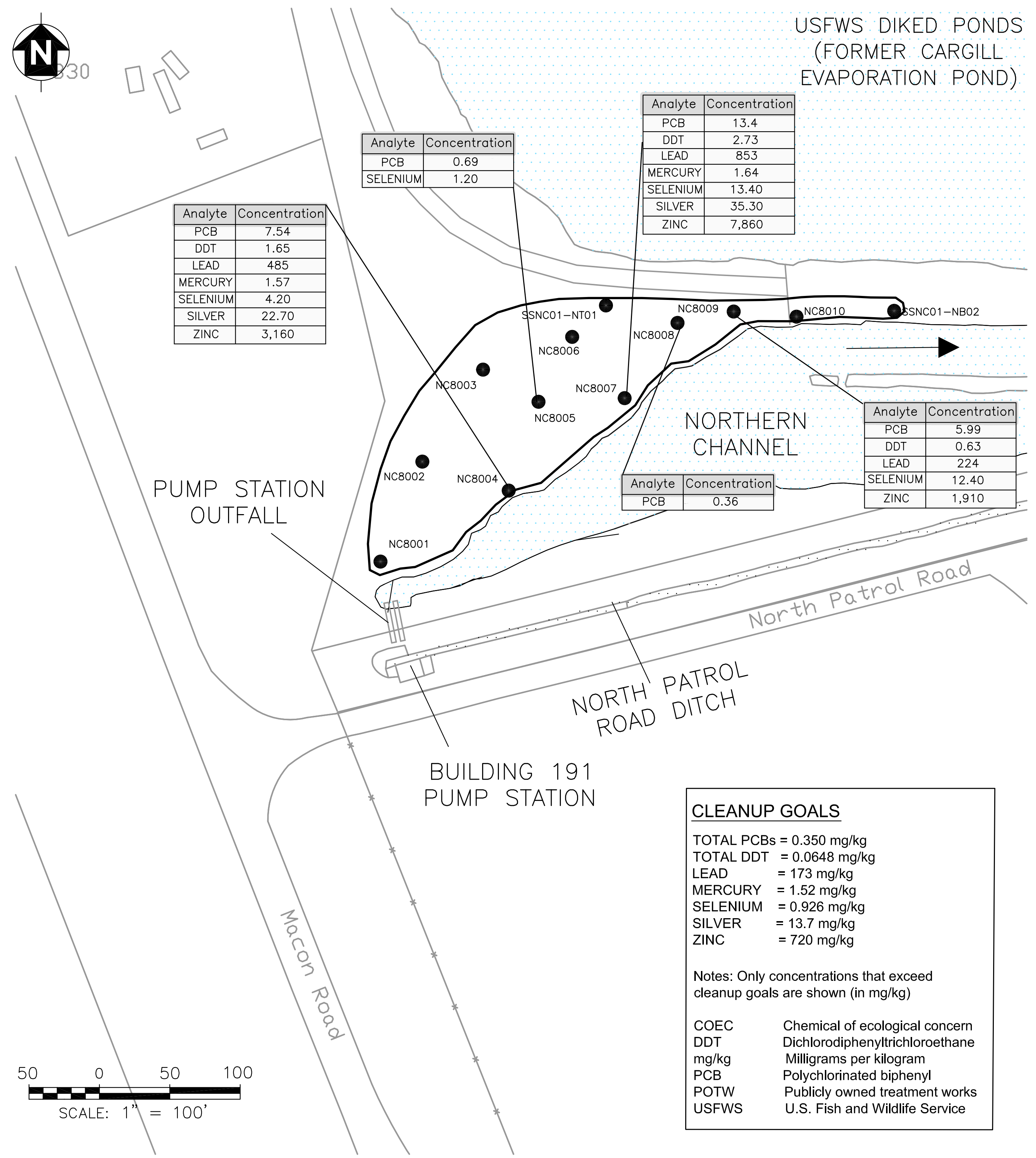
Record of Decision
Site 27 - Northern Channel

Soil samples were also collected along the entire length of the northern berm of the Northern Channel (Cargill berm) and along the southern berm from the Building 191 lift station to the Fuel Pier Bridge (National Aeronautics and Space Administration berm) (Tetra Tech EM Inc. 2003). More recently, additional soil samples were collected on the southern berm from the Fuel Pier Bridge east to the end of the Northern Channel. The Cargill berm was divided into 16 sections, and the National Aeronautics and Space Administration berm was divided into 6 sections. Each section of the berm was 630 feet long, and two samples were collected from every 210-foot subsection. Figure 5 showed the berm transect locations and the locations where PCBs, DDT, and metals were detected in soil at concentrations exceeding residential preliminary remediation goals. Ten additional soil samples were collected from the 0- to 1-foot interval in the same manner at the debris pile, which is located on the Cargill berm north of the Building 191 lift station. Figure 6 shows the sampling locations at the debris pile and the locations where PCBs, DDT, and metals were detected at concentrations exceeding sediment cleanup goals.

Sediment samples were also collected from the Marriage Road Ditch, Patrol Road Ditch, and North Patrol Road Ditch. Sediment samples were collected from 10 locations (evenly spaced) in each ditch to characterize the concentrations of chemicals in sediments (Tetra Tech EM Inc. 2003). Sediment samples were analyzed for PCBs, pesticides, metals, and total organic carbon. Figure 7 shows the ditch transect locations and the locations where PCBs, DDT, and metals were detected in sediment at concentrations exceeding cleanup goals.

All sediment, soil, surface water, plant, benthic invertebrate, and fish tissue samples were analyzed for various chemicals, including PCBs, organochlorine pesticides, metals, volatile organic compounds, semivolatile organic compounds, and total petroleum hydrocarbons. Sediment and soil samples were analyzed for PCB congeners as well as for Aroclors to better characterize the nature and extent of PCB contamination in the Northern Channel and related areas (ditches, berms, and debris pile).

During sampling along the Lockheed berm (Tetra Tech FW, Inc. 2005), 25 soil samples were collected from 13 locations along 9 transects (see Attachment 1). At each location, two samples were collected from different depths (0.0 to 0.5 and 0.5 to 1 feet below ground surface). An additional sample was collected from a soil debris pile located on the berm within Transect 7. The samples were analyzed for PCBs, pesticides, metals, and total organic carbon.



Analyte	Concentration
PCB	7.54
DDT	1.65
LEAD	485
MERCURY	1.57
SELENIUM	4.20
SILVER	22.70
ZINC	3,160

Analyte	Concentration
PCB	0.69
SELENIUM	1.20

Analyte	Concentration
PCB	13.4
DDT	2.73
LEAD	853
MERCURY	1.64
SELENIUM	13.40
SILVER	35.30
ZINC	7,860

Analyte	Concentration
PCB	5.99
DDT	0.63
LEAD	224
SELENIUM	12.40
ZINC	1,910

Analyte	Concentration
PCB	0.36

CLEANUP GOALS

TOTAL PCBs = 0.350 mg/kg
TOTAL DDT = 0.0648 mg/kg
LEAD = 173 mg/kg
MERCURY = 1.52 mg/kg
SELENIUM = 0.926 mg/kg
SILVER = 13.7 mg/kg
ZINC = 720 mg/kg

Notes: Only concentrations that exceed cleanup goals are shown (in mg/kg)

COEC	Chemical of ecological concern
DDT	Dichlorodiphenyltrichloroethane
mg/kg	Milligrams per kilogram
PCB	Polychlorinated biphenyl
POTW	Publicly owned treatment works
USFWS	U.S. Fish and Wildlife Service

● SOIL SAMPLING LOCATION

→ DIRECTION OF FLOW

▨ SURFACE WATER

— APPROXIMATE DEBRIS PILE BOUNDARY

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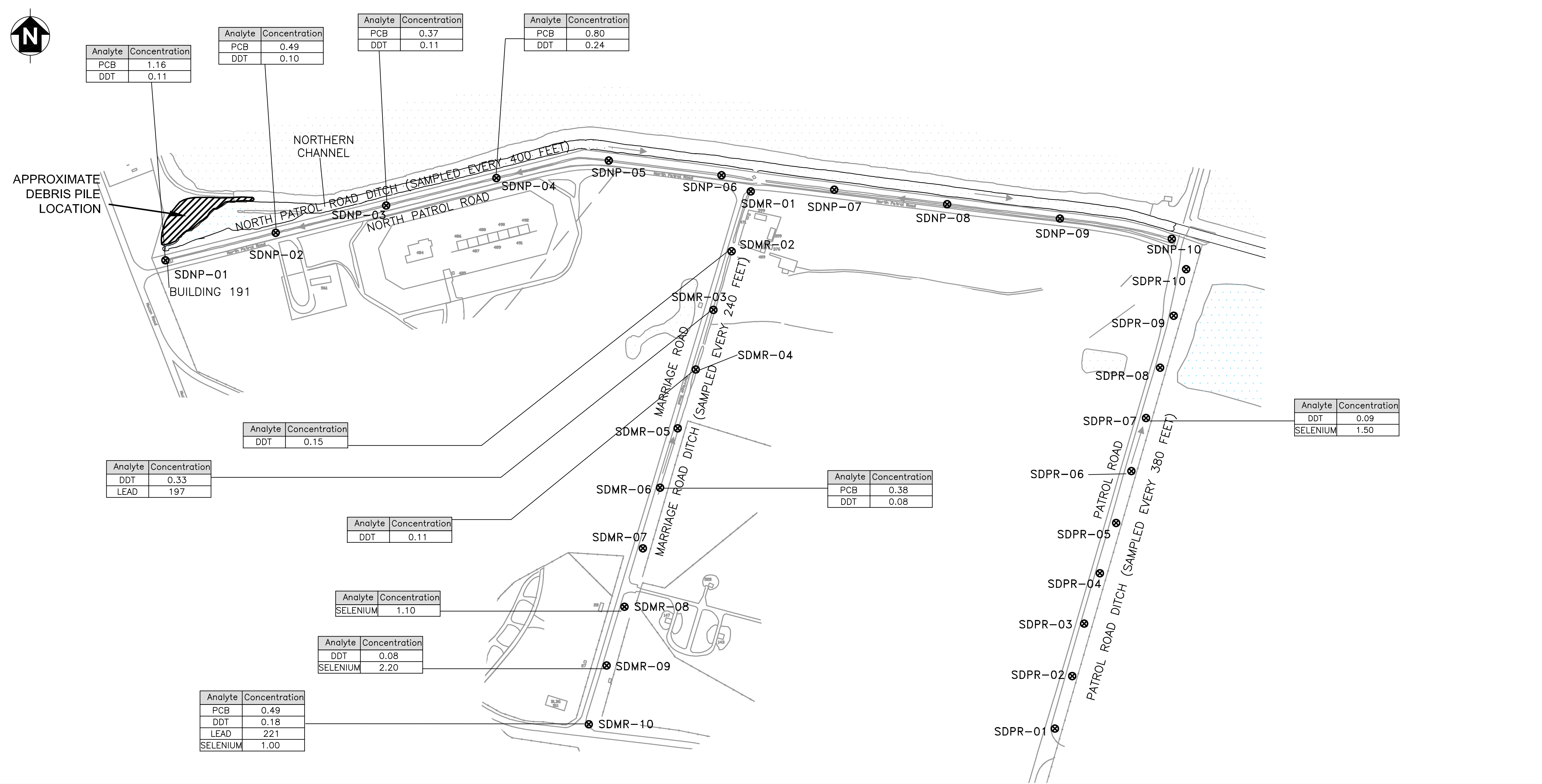
FIGURE 6
DEBRIS PILE SAMPLING LOCATIONS AND ASSOCIATED SOIL CONCENTRATIONS OF COECs THAT EXCEED CLEANUP GOALS

Record of Decision
Site 27 - Northern Channel



Analyte	Concentration
PCB	1.16
DDT	0.11

Analyte	Concentration
PCB	0.49
DDT	0.10

Analyte	Concentration
PCB	0.37
DDT	0.11

Analyte	Concentration
PCB	0.80
DDT	0.24

Analyte	Concentration
DDT	0.09
SELENIUM	1.50

Analyte	Concentration
DDT	0.15

Analyte	Concentration
DDT	0.33
LEAD	197

Analyte	Concentration
PCB	0.38
DDT	0.08

Analyte	Concentration
DDT	0.11

Analyte	Concentration
SELENIUM	1.10

Analyte	Concentration
DDT	0.08
SELENIUM	2.20

Analyte	Concentration
PCB	0.49
DDT	0.18
LEAD	221
SELENIUM	1.00

⊗	TRANSECT SEDIMENT SAMPLING LOCATION
→	DIRECTION OF FLOW
▨	SURFACE WATER

CLEANUP GOALS

TOTAL PCBs = 0.350 mg/kg
TOTAL DDT = 0.0648 mg/kg
LEAD = 173 mg/kg
SELENIUM = 0.926 mg/kg

Notes: Only the highest concentrations at each sample location that exceed cleanup goal are shown (in mg/kg)

COEC	Chemical of ecological concern
DDT	Dichlorodiphenyltrichloroethane
mg/kg	Milligrams per kilogram
PCB	Polychlorinated biphenyl

200 0 200 400
Scale: 1" = 400'

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Former Naval Air Station Moffett Field
U.S. Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 7
DITCH SAMPLE TRANSECT LOCATIONS AND ASSOCIATED SEDIMENT CONCENTRATIONS OF COECs THAT EXCEED CLEANUP GOALS

Record of Decision
Site 27 - Northern Channel

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5.7.2 Summary of Chemical Concentrations

This section presents the chemical concentrations found in sediment, soil, and surface water and biota, as well as conclusions based on these concentrations.

Sediment

The data gaps investigation specifically focused on further characterization of the nine COECs (total PCBs, total DDT, total chlordane, cadmium, lead, mercury, selenium, silver, and zinc) at Site 27 in sediment from the Northern Channel, related ditches, and the debris pile near the Building 191 lift station. Sediment concentrations of the nine COECs were compared to cleanup goals established for Site 27. The cleanup goals were used to define areas needing remedial action. The Navy included total dichlorodiphenyltrichloroethane and total chlordane as part of the investigation at Site 27 because these chemicals are the result of runoff from other areas. Section 7.0 provides more details on the identification of COECs and cleanup goals for Site 27.

In the Northern Channel, total PCBs were detected in most sediment sampling locations at concentrations above the cleanup goal (0.35 milligrams per kilogram [mg/kg]), with a maximum concentration of 23.8 mg/kg (see Figure 4) (Tetra Tech EM Inc. 2003). DDT was detected in all sediment sampling locations, except for Transect 8, at concentrations above the cleanup goal (0.0648 mg/kg), with a maximum concentration of 3.49 mg/kg (see Figure 4). DDT was not detected at a concentration above the cleanup goal in the sample collected from Transect 8. Total chlordane was not detected above the cleanup goal at any locations; however, a sample from one location (SDNC03-6) had a chlordane concentration just below the cleanup goal (0.931 mg/kg). All six metals identified as COECs had concentrations above their respective cleanup goals in samples from at least one location, with silver and selenium being detected the most at concentrations above their cleanup goals (see Figure 4). The highest concentrations of all COECs are present near the top of the sediment surface. Concentrations of COECs in the deeper clay channel bottom were much lower and did not exceed cleanup goals.

In the three ditches, PCBs and DDT were detected at concentrations in sediments above cleanup goals in some sampling locations, particularly in the upper sediment layers of Marriage Road Ditch and the western end of North Patrol Road Ditch (see Figure 7) (Tetra Tech EM Inc. 2003). Metals (specifically lead and selenium) were sporadically detected at concentrations above cleanup goals in samples from Marriage Road Ditch, but generally at concentrations less than cleanup goals in samples from the other two ditches. Concentrations of PCBs, DDT, and metals in deeper clay samples from the channel bottom from these areas were less than cleanup goals.

Additionally, some samples in transect 1 adjacent to Building 191 and partially within the debris pile area contained concentrations of PCBs, DDT, lead, selenium, silver, and zinc that exceeded sediment cleanup goals. Samples from the debris pile contained PCBs, DDT, lead, mercury, selenium, silver, and zinc at concentrations that exceeded cleanup goals (see Figure 6).

Soil

Soil samples from berms along the Northern Channel were also analyzed (Tetra Tech EM Inc. 2003). Soil concentrations from berms were compared to residential preliminary remediation goals (PRG) (U.S. Environmental Protection Agency 2004). Concentrations of chemicals in soil exceeded the residential PRGs along the Northern Channel berms at Transects 1 and 15 (see Figure 5). PCBs were detected in soil at concentrations greater than the residential PRG from one composite sample collected along Transect 3; however, discrete samples comprising the composite sample were also analyzed and found to have PCB concentrations less than the PRG.

Surface Water and Biota

PCBs and pesticides were not detected in any surface water samples from the Marriage Road Ditch, Patrol Road Ditch, or the North Patrol Road Ditch during the data gaps investigation (Tetra Tech EM Inc. 2003). A few metals were detected in surface water samples from the two ditches at concentrations slightly above ambient water quality criteria for fresh water from U.S. Environmental Protection Agency (Buchman 1999).

In the Northern Channel, PCBs and pesticides were detected at low concentrations and frequency in all surface water and biota samples (Tetra Tech EM Inc. 2003). Alpha-chlordane was detected in 14.3 percent of the samples, ranging in concentrations from 0.002 to 0.004 micrograms per kilograms. All six metals (as both dissolved and total) were detected in surface water samples from the Northern Channel. PCBs were detected in benthic invertebrate samples collected from within sediments, and PCBs, pesticides, and metals were detected at low levels in most fish tissue samples and in some plant tissue samples collected throughout the Northern Channel.

Conclusions

Based on the results of the data gaps investigation and the comparison of sediment concentrations to cleanup goals for Site 27, contaminated sediment associated with the nine COECs from following areas will be addressed during remediation activities:

- Sediment throughout the length of the Northern Channel
- Sediment from the entire length of the North Patrol Road Ditch
- Sediment in most of the Marriage Road Ditch

In addition, based on the results of the data gaps investigation and sampling along the Lockheed berm, soils from the following areas will be addressed during the remediation activities:

- The debris pile on the Cargill berm near Building 191
- The western end of the Cargill and National Aeronautics and Space Administration berms adjacent to Building 191 (Transect 1)
- The Lockheed berm near the eastern end of the Northern Channel (Transect 15)

Based on results of the data gaps investigation and comparison of sediment concentrations to cleanup goals for Site 27, sediment along the entire length of the Patrol Road Ditch does not need to be addressed during remediation activities.

6.0 CURRENT AND FUTURE LAND AND RESOURCE USE

In April 1991, the Base Realignment and Closure Commission voted to (1) decommission the former Naval Air Station (NAS) Moffett Field, (2) transfer naval operations from the former NAS Moffett Field to other naval facilities, and (3) transfer most of the former NAS Moffett Field property to the National Aeronautics and Space Administration Ames Research Center.

The areas south and west of Site 27 are part of the former NAS Moffett Field. Current tenants include the U.S. Army, the U.S. Air Force, and the California Air National Guard. Current uses include airfield operations, military facilities, and National Aeronautics and Space Administration research facilities. The former NAS Moffett Field has a fully functional federal airport and maintains facilities for military personnel and their families, including housing, commissary, clinic, service station, tennis courts, and a golf course. The tidal salt marsh and mud flats north and northeast of the former NAS Moffett Field were diked more than 50 years ago and were formerly used as commercial saltwater evaporation ponds. Cargill Salt, the former owner, sold the ponds to the U.S. Fish and Wildlife Service in 2003.

Stormwater drainage is expected to be the future use of the Northern Channel and associated ditches, as it has been for the last 50 years. Remedial alternatives were selected and screened based on the premise that continued use for stormwater drainage is the most likely future land-use scenario. Existing beneficial uses of groundwater, including municipal and domestic, industrial process, and industrial and agricultural water supply, are listed in the Basin Plan (San Francisco Bay Regional Water Quality Control Board 1995). Concentrations of total dissolved solids in groundwater in the area of Site 27 do not meet criteria in U.S. Environmental Protection Agency classification guidelines for a potential source of drinking water. According to the Basin Plan, the beneficial uses for surface water near the site are freshwater/estuarine habitat and wildlife habitat (San Francisco Bay Regional Water Quality Control Board 1995).

7.0 SUMMARY OF SITE RISKS AND ESTABLISHMENT OF CLEANUP GOALS

This section summarizes the human health and ecological risk assessments conducted at Site 27 using chemical data from the site to assess potential risks to both humans and ecological receptors. Risk assessments were presented in the station-wide remedial investigation (PRC Environmental Management, Inc. 1996), the Phase I and II site-wide ecological assessments (SWEA) (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995a, 1995b, 1997), and more recently in the final feasibility study report for the Northern Channel (Tetra Tech EM Inc. 2003). Risk assessments are generally conducted to address the following:

- Potential chemicals of concern (chemicals that may contribute to the majority of risk)
- Potential human and ecological receptors (who or what might be at risk)
- Exposure pathways (how the chemicals may reach human or ecological receptors)
- Potential health impacts (how the receptors might be affected by exposure to the chemical)

The risk assessments concluded that areas within Site 27 might pose a risk to human health and to ecological receptors. The potential risk to ecological receptors (specifically birds) was found to be the primary concern and, therefore, the basis for the sediment cleanup goals and the focus of the cleanup action. The sediment cleanup goals are also protective of human health.

Based on information presented in the station-wide remedial investigation (PRC Environmental Management, Inc. 1996) and the SWEAs (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995a, 1995b, 1997), the following chemicals were identified as chemicals of ecological concern (COEC) for the Northern Channel and related areas:

- Total polychlorinated biphenyls (PCB) (the sum of Aroclor-1254 and Aroclor-1260). PCBs consisted of Aroclor-1254 and Aroclor-1260 because no other Aroclors were detected and the congener-specific data did not support the presence of other Aroclors in the Northern Channel or related areas.
- Total dichlorodiphenyltrichloroethane (DDT) (the sum of dichlorodiphenyl-dichloroethane, dichlorodiphenyldichloroethene, and DDT)
- Total chlordane (the sum of alpha- and gamma-chlordane)
- Cadmium
- Lead
- Mercury
- Selenium
- Silver
- Zinc

7.1 HUMAN HEALTH RISK ASSESSMENT

The potential human health risks associated with sediments in the Northern Channel were assessed by two different methods: (1) risks to potential residential, occupational, and recreational receptors using an exposure area approach, and (2) risks to potential occupational and residential receptors using a point-risk approach (PRC Environmental Management, Inc. 1996). The exposure area approach identified potential receptors in a predetermined area over which exposure occurs (0.5-acre parcels for residential, occupational, and recreational exposure scenarios). Risk estimates were calculated from average concentrations of chemicals of potential concern within the selected area. In contrast, risk estimates were calculated for each data point in the point-risk approach. Both approaches were used in the human health risk assessment presented in the final station-wide remedial investigation report to characterize potential risks to human health from exposure pathways associated with chemicals of potential concern in surface and subsurface soils (PRC Environmental Management, Inc. 1996).

Although residential, occupational, and recreational risk scenarios were evaluated, it was concluded that Site 27 is not likely to be available for occupational or residential use and, therefore, that the potential risks associated with these two scenarios likely do not exist because the exposure pathways would be incomplete (PRC Environmental Management, Inc. 1996). The recreational risk scenario (for example, hiking, canoeing, and bird watching) was evaluated as a more realistic potential future pathway. The current and planned future use of the site is for stormwater drainage; therefore, recreational use of the Northern Channel is expected to remain unchanged in the future. In accordance with U.S. Environmental Protection Agency (EPA) protocols, the human health risk assessment for recreational receptors evaluated both cancer and noncancer risks for the following areas:

- Northern Channel: the estimated cancer risk is 2.1E-05 and the estimated noncancer hazard index is 0.39 for a recreational user.

- Marriage Road Ditch: the estimated cancer risk is less than 1.01E-06 and the estimated noncancer hazard index is less than 1.0, as presented in the remedial investigation for Operable Unit 2 (International Technology Corporation 1992). Based on these results, a no-action record of decision was signed in October 1994 (Navy and EPA 1994). The no-action record of decision addressed only effects to human health.

- North Patrol Road Ditch: the estimated cancer risk is 2.1E-05 and the estimated noncancer hazard index is 0.39 for a recreational user.

These risks are within or less than the cancer risk management range of 10^{-6} to 10^{-4} and less than an hazard index of 1.0 for noncancer risks that EPA generally considers acceptable. In addition, human health risks were found to be minimal when compared with the potential risks to ecological receptors; therefore, cleanup goals established to protect ecological receptors are expected to further reduce risks to recreational users.

7.2 ECOLOGICAL RISK ASSESSMENT

A SWEA was conducted in two phases to assess potential risks to flora and fauna associated with exposure to chemicals of potential ecological concern in sediment at former Naval Air Station Moffett Field. The media addressed in the SWEA included surface water, pore water, wetland sediments, and upland soils. The Phase I SWEA provided conceptual site models, including a description of habitats, a qualitative evaluation of chemical sources, exposure pathways, and plants and animals (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995a). A follow-up component to the Phase I SWEA, known as the "SWEA data gaps investigation," was conducted to address chemical and spatial data gaps in the information presented in the final Phase I SWEA (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995a). Information collected during the SWEA data gaps investigation is presented in the final Phase II SWEA work plan (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995b). The final Phase II SWEA report described the quantitative and qualitative ecological risk assessment and included data collected during both phases (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). The primary objective of the Phase II SWEA was to evaluate risk to ecological receptors from exposure to contaminants at former Naval Air Station Moffett Field. Nine COECs (total PCBs, total DDT, total chlordane, cadmium, lead, mercury, selenium, silver, and zinc) were identified during the SWEA process. In May 2002, an additional data gaps investigation was conducted specifically in the Northern Channel, related ditches, and adjacent berms. Results of this investigation were presented in the final feasibility study report for the Northern Channel (Tetra Tech EM Inc. 2003).

7.2.1 Summary of Surface Water Evaluation

Risks were calculated for the surface and pore water evaluation using EPA methodology (EPA 1997) and results for laboratory tests (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). In the laboratory tests, laboratory organisms (algae, crustaceans, and fish) were exposed to surface water samples from the site and analyzed to identify any effects. Based on the results of surface water bioassays for the Phase II SWEA (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997), it was concluded adverse effects from exposure to surface water are unlikely. Data for surface water collected in the data gaps investigation in May 2002 also support the observation that concentrations of the nine COECs are low or not detected in surface water (Tetra Tech EM Inc. 2003).

7.2.2 Summary of Sediment Evaluation

Although the Phase II SWEA found a moderate to high likelihood of potential adverse effects on benthic invertebrate populations and birds, the U.S. Department of the Navy concluded that the primary focus should be on birds (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). This decision to focus on birds as representative receptors for the Northern Channel was supported by the agencies (EPA, San Francisco Bay Regional Water Quality Control Board, and U.S. Fish and Wildlife Service). As a result, the data gaps investigation in May 2002 focused on collecting additional data (fish, benthic invertebrates, plant tissue, along with surface water and sediment) to support the risk evaluation of birds using the food-chain model and the development of site-specific allowable exposure levels (Tetra Tech EM Inc. 2003).

Assessment and measurement endpoints, and representative receptors, were initially identified in the final Phase II SWEA (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). Potential ecological risks from exposure to contaminated sediments were identified for birds based on exposure to the chemical concentrations at the site and the continued use of the site for stormwater drainage and management. The great blue heron, mallard duck, and the black-necked stilt were identified as the primary representative receptors based on initial risk calculations (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). More recently, the western pond turtle was added as a representative receptor because of its presence in the channel and its designation as a species of special concern in California. These four receptors were used in the risk assessment presented in the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003).

Food-chain modeling is one method of integrating ecological information into the risk assessment process. Food-chain modeling includes factors such as life history and feeding behavior of receptors, spatial variations of chemicals in sediment, and spatial variation of chemicals in prey. These site-specific factors are especially relevant for chemicals that tend to bioconcentrate or bioaccumulate (Pascoe, Blanchet, and Linder 1996). Site-specific exposures for birds and mammals are generally based on daily dose estimates modeled from measurements of chemical concentrations in soil and food sources (Pascoe, Blanchet, and Linder 1996). Total exposure from ingestion for each receptor of concern is calculated as the sum of the estimates of the dietary and sediment or surface water exposure for each COEC. The resultant exposure dose is compared with toxicity reference values or toxicity literature values for reptiles only to assess whether there are risks to the receptor after exposure to a COEC.

Results of the exposure and effects assessments are used in the risk characterization phase to estimate risk to the ecological receptors represented by the assessment endpoints selected. Information obtained during the exposure and effects assessment is combined to evaluate the relationship between environmental concentrations of chemical stressors and observed adverse effects. Observed adverse effects (in the form of measurement endpoint results) are evaluated using environmentally relevant criteria to distinguish between results that indicate the potential for risk or that do not indicate risk. Risk calculations were prepared based on exposure assumptions for the individual receptor. Risk calculations consist of dividing the calculated dose by the toxicity reference values for each receptor and COEC. Consistent with EPA guidance (EPA 1992, 1997), calculated hazard quotients were compared with the threshold value of 1.0 to assess potential ecological risk to receptors at the site.

The ecological risk assessment indicated a potential for risks to ecological receptors (hazard quotients greater than 1.0), particularly the great blue heron and the black-necked stilt, from exposure to chemicals in sediments in the Northern Channel, related areas, and the debris pile and in soil in the berm area near Building 191 (see Table 1) (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1995b). In particular, PCBs, DDT, and to a lesser extent, selenium, were found to have contributed to most of the risk.

TABLE 1: SUMMARY OF LOWER AND UPPER HAZARD QUOTIENTS

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station, Moffett Field, California

Chemical of Ecological Concern	Great Blue Heron Total Dose[1]		Mallard Duck Total Dose[1]		Black-Necked Stilt Total Dose[1]		Western Pond Turtle Total Dose[1]	
	Lower HQ[2]	Upper HQ[2]	Lower HQ[2]	Upper HQ[2]	Lower HQ[2]	Upper HQ[2]	Dose[3] (mg/kg)	Criterion[3] (mg/kg)
Cadmium	0.01	**2.11**	0.0001	0.02	0.009	**1.89**	0.003	NA
Lead	0.09	**38.20**	0.002	0.96	0.16	**64.60**	0.02	NA
Mercury	0.02	0.09	0.002	0.01	0.15	0.71	0.0008	< 0.01 – 0.39
Selenium	**1.84**	**7.42**	0.22	0.88	0.86	**3.46**	0.06	NA
Silver	0.08	NA	0.004	NA	0.30	NA	0.01	NA
Zinc	0.17	**1.71**	0.002	0.02	0.18	**1.81**	0.81	NA
Total PCBs	**2.64**	**127.00**	0.18	**2.20**	**12.50**	**151.00**	0.11	NA
Total Chlordane	0.18	0.89	0.0004	0.002	0.06	0.29	0.02	NA
Total DDT	**3.10**	**665.00**	0.09	**4.89**	**8.52**	**458.00**	0.08	0.610

Notes: Bold values indicate an HQ greater than 1.0.

[1] Total dose is based on site-specific sediment concentrations in the 0- to 1-foot layer.

[2] Lower HQ = dose/high TRV, and Upper HQ = dose/low TRV.

[3] There are no reptilian TRVs. Therefore, the calculated dose is compared qualitatively to criteria from the literature; see Table 2-11 in the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003).

DDT	Dichlorodiphenyltrichloroethane
HQ	Hazard quotient
mg/kg	Milligram per kilogram
NA	Not available
PCB	Polychlorinated biphenyl
TRV	Toxicity reference value

Source:

Tetra Tech EM Inc. 2003. “Northern Channel Feasibility Study (Site 27), Former Naval Air Station, Moffett Field, Santa Clara County, California.” November.

The western pond turtle could not be evaluated using the food-chain model to the same extent as the birds because limited laboratory and research data were available on the potential chemical effects associated with turtles and other reptiles (Tetra Tech EM Inc. 2003). However, a calculated dose was qualitatively compared with criteria on turtles from the literature. This comparison suggests that the turtle may be less sensitive to concentrations of the nine COECs at the site when compared with the other representative receptors. Details on the risk calculations are provided in the final feasibility study report for the Northern Channel (Tetra Tech EM Inc. 2003).

The ecological risk assessment process involves a large number of uncertainties and extrapolations to evaluate potential risk to ecological receptors. Many of the assumptions in an ecological risk assessment are conservative (protective), resulting in an overestimate of site-specific risk parameters. Still, these assumptions are used to ensure that contaminants that may pose an ecological risk are not dismissed. Uncertainties associated with risk estimates are discussed in detail in the final Phase II SWEA report (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997) and the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003).

7.3 DEVELOPMENT OF CLEANUP GOALS FOR SEDIMENT

Cleanup goals for sediment were developed in accordance with EPA guidance (EPA 1988, 1994) to provide protection for the environment. In addition, applicable or relevant and appropriate requirements were considered in developing the final remedial action objectives and cleanup goals.

7.3.1 Media of Interest

Sediment was considered the potential medium of interest based on the potential risks to the environment identified in the final Phase II SWEA (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997) and the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003). Surface water was also considered as a potential medium of interest; therefore, surface water ingestion was included in the food-chain model for birds. However, results of the surface water bioassays indicated low to no likelihood of adverse effects caused by surface water (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). Therefore, surface water was not designated a medium of concern for the purposes of establishing cleanup goals.

7.3.2 Chemicals of Ecological Concern

COECs in sediment were identified based on information contained in the final Phase II SWEA report (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997) and related documents. COECs identified in the SWEA as potentially presenting risk included total PCBs, total DDT, total chlordane, cadmium, lead, mercury, selenium, silver, and zinc. These chemicals can be broadly grouped into total PCBs, pesticides, and metals.

The remedial action will focus on removal of contaminated sediment. Removing collocated metal, PCB, and total DDT contamination from sediment will also address risk from total chlordane, because the levels found in water originate from the underlying contaminated sediments.

7.3.3 Exposure Routes and Receptors

Results of the Phase II SWEA (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997) and the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003) indicated a complete exposure pathway exists for ecological receptors in direct contact with contaminated sediments. The primary exposure route is through ingestion of contaminated food items and incidental ingestion of sediments while feeding, grooming, or preening. The great blue heron, mallard duck, and black-necked stilt were identified as the primary representative receptors based on initial risk calculations (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). More recently, the western pond turtle was added as a representative receptor because of its presence in the channel and its designation as a species of special concern in California. These four receptors were used in the risk evaluation presented in the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003).

7.3.4 Allowable Exposure Levels Based on Risk Assessment

Allowable exposure levels for sediment were derived after all risk calculations were completed by back-calculating a concentration in sediment, which resulted in hazard quotient of 1.0. The Navy concluded allowable exposure levels that are protective of the representative receptors would also be protective of other ecological receptors. Allowable exposure levels for each bird were developed for all nine COECs in the final feasibility study report for the Northern Channel (Tetra Tech EM Inc. 2003). An allowable exposure level could not be calculated for the western pond turtle based on available information. Table 2 lists the cleanup goals for sediment based on the allowable exposure levels for the Northern Channel and related areas. The lowest allowable exposure levels for all COECs were calculated for either the black-necked stilt or the great blue heron.

TABLE 2: CLEANUP GOALS FOR SEDIMENT BASED ON ALLOWABLE EXPOSURE LEVELS IN THE NORTHERN CHANNEL AND RELATED AREAS

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Chemical of Ecological Concern	Receptor	Cleanup Goal (mg/kg)	Benchmark	Approach for the Selection of Cleanup Goal
Organic Compounds				
Total PCBs	Birds	0.350	AEL	Based on risks to the black-necked stilt
Total Chlordane	Birds	0.931	AEL	Based on risks to the great blue heron
Total DDT	Birds	0.0648	AEL	Based on risks to the black-necked stilt
Metals				
Cadmium	Birds	184	AEL	Based on risks to the great blue heron
Lead	Birds	173	AEL	Based on risks to the black-necked stilt
Mercury	Birds	1.52	AEL	Based on risks to the black-necked stilt
Selenium	Birds	0.926	AEL	Based on risks to the great blue heron
Silver	Birds	13.7	AEL	Based on risks to the black-necked stilt
Zinc	Birds	720	AEL	Based on risks to the black-necked stilt

Notes:

AEL	Allowable exposure level (based on risk results)
DDT	Dichlorodiphenyltrichloroethane
mg/kg	Milligram per kilogram
PCB	Polychlorinated biphenyl

7.3.5 Comparison to Ambient Concentrations

Before final cleanup goals could be identified, calculated allowable exposure levels were compared with ambient concentrations in sediment. In this comparison, the Navy adopted cleanup goals that corresponded to the higher of either ambient or allowable exposure level concentrations. Allowable exposure levels were higher than ambient concentrations for the Northern Channel area for all nine COECs. More details on this comparison are provided in the final feasibility study report for the Northern Channel (Tetra Tech EM Inc. 2003).

7.3.6 Applicable or Relevant and Appropriate Requirements

Specific applicable or relevant and appropriate requirements were considered for PCBs. No specific applicable or relevant and appropriate requirements were considered for the other eight COECs in this analysis. The PCB cleanup levels in Title 40 of the *Code of Federal Regulations* Section 761.61(a)(4) (promulgated under the Toxic Substances Control Act [Title 15 of the *United States Code* Sections 2601-2693) were determined to be applicable or relevant and appropriate requirements for sediment at the Northern Channel. Under Title 40 of the *Code of Federal Regulations* Section 761.61(a)(4)(i)(A), the cleanup goal for bulk PCB remediation waste in high-occupancy areas is less than or equal to 1 milligram per kilogram (mg/kg) without further conditions such as the area being covered with a cap. The cleanup goal for bulk PCB remediation waste in low-occupancy areas such as the Northern Channel is less than or equal to 25 mg/kg under Title 40 of the *Code of Federal Regulations* Section 761.61(a)(4)(i)(B)(1). However, as stated in the National Oil and Hazardous Substances Pollution Contingency Plan (Title 40 of the *Code of Federal Regulations* Section 300.430), requirements include not only evaluating risks to human health, but also the environment. Therefore, the 25-mg/kg goal is not sufficiently protective of ecological receptors, so the cleanup goal is set at a lower concentration based on the results of the ecological risk assessment presented in the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003). According to the Toxic Substances Control Act [Title 40 *Code of Federal Regulations* Section 761.61(a)(4)(vi)], more stringent cleanup goals may be required based on proximity to areas such as endangered species habitats, estuaries, and wetlands.

7.4 SUMMARY OF CLEANUP GOALS FOR SEDIMENT AND SOIL

The following cleanup goals were developed for each COEC in sediment in the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003):

- Total PCBs: 0.35 mg/kg (or 350 micrograms per kilogram)
- Total DDT: 0.0648 mg/kg (or 64.8 micrograms per kilogram)
- Total Chlordane: 0.931 mg/kg (or 931 micrograms per kilogram)
- Cadmium: 184 mg/kg
- Lead: 173 mg/kg

- Mercury: 1.52 mg/kg
- Selenium: 0.926 mg/kg
- Silver: 13.7 mg/kg
- Zinc: 720 mg/kg

The Navy is addressing total dichlorodiphenyltrichloroethane and total chlordane as part of the selected remedy at Site 27 because these chemicals are the result of runoff from other areas. Additionally, cleanup goals for soil were developed to evaluate COECs because the berms contain soil. Rare, random detections of COECs led to the decision by the Navy and the U.S. Environmental Protection Agency (EPA) to use residential preliminary remediation goals for soil (EPA 2004). The following residential preliminary remediation goals were identified for soil in the berms along the Northern Channel:

- Total PCBs: 0.22 mg/kg (or 220 micrograms per kilogram)
- Dichlorodiphenyldichloroethane: 2.4 mg/kg (or 2,400 micrograms per kilogram); Dichlorodiphenyldichloroethene: 1.7 mg/kg (or 1,700 micrograms per kilogram; Dichlorodiphenyltrichloroethane: 1.7 mg/kg (or 1,700 micrograms per kilogram)
- Total Chlordane: 1.6 mg/kg (or 1,600 micrograms per kilogram)
- Cadmium: 37 mg/kg
- Lead: 150 mg/kg (California-modified preliminary remediation goal)
- Mercury: 23 mg/kg
- Selenium: 390 mg/kg
- Silver: 390 mg/kg
- Zinc: 23,000 mg/kg

7.5 BASIS FOR ACTION

Based on the characterization of risks at the site, the remedy selected in this Record of Decision is necessary to protect the ecological receptors from actual or threatened releases of hazardous substances in the Northern Channel and related areas.

8.0 REMEDIAL ACTION OBJECTIVES

Remedial action objectives are medium-specific goals to be attained to reduce risk to an acceptable level. Remedial action objectives for sediment were developed in accordance with U.S. Environmental Protection Agency (EPA) guidance (EPA 1988, 1994). In addition, applicable or relevant and appropriate requirements were considered in developing the final remedial action objectives. Tables 3, 4, and 5 identify the chemical-, location-, and action-specific applicable or relevant and appropriate requirements. A detailed discussion of these applicable or relevant and appropriate requirements is provided in Appendix C.

The remedial action objectives for the response action described in this Record of Decision are to reduce the direct exposure of ecological receptors to total polychlorinated biphenyls, pesticides (total dichlorodiphenyltrichloroethane and total chlordane), and metals in sediment to levels that are protective of birds in the Northern Channel and related areas. The Navy is addressing total dichlorodiphenyltrichloroethane and total chlordane as part of the selected remedy at Site 27 because these chemicals are the result of runoff from other areas. Sediment cleanup goals identified for each COEC below are expected to provide adequate protection of ecological receptors and, indirectly, human health in the Northern Channel and related areas:

- Total polychlorinated biphenyls: 0.35 milligram per kilogram (or 350 micrograms per kilogram)
- Total dichlorodiphenyltrichloroethane: 0.0648 milligram per kilogram (or 64.8 micrograms per kilogram)
- Total chlordane: 0.931 milligram per kilogram (or 931 micrograms per kilogram)
- Cadmium: 184 milligrams per kilogram
- Lead: 173 milligrams per kilogram
- Mercury: 1.52 milligrams per kilogram
- Selenium: 0.926 milligrams per kilogram
- Silver: 13.7 milligrams per kilogram
- Zinc: 720 milligrams per kilogram

No concentrations of chlordane exceeded the sediment cleanup goal; however, the selected remedy will further reduce chlordane concentrations in sediment, thus reducing chlordane concentrations in overlying surface water, which contributed to unacceptable risk to birds. The preliminary remediation goals for residential use were used as cleanup goals for total PCBs and the other COECs in soil in the berms along the Northern Channel (EPA 2004). Residential preliminary remediation goals are expected to provide adequate protection for humans who might be exposed to the soil in the future.

Remedial alternatives were considered that would meet the sediment cleanup goals from the Northern Channel and associated ditches, as well as the debris pile. Sediment with concentrations of COECs greater than the sediment cleanup goals and soil along the Northern Channel berms with concentrations greater than the residential PRGs will be excavated under the selected remedy.

TABLE 3: FEDERAL AND STATE CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Requirement	Prerequisite	Citation	Applicable or Relevant and Appropriate Requirement Determination[a]	Comments
Federal Requirements				
Toxic Substances Control Act (Title 15 *United States Code*, Chapter 53, Sections 2601-2692)				
Regulates storage and disposal of PCBs	Soil, debris, sludge or dredged materials contaminated with PCBs.	PCB remediation waste cleanup standards, Title 40 *Code of Federal Regulations* Section 761.61 (a)(4)(i)	Relevant and Appropriate	The cleanup goal for bulk remediation waste in high occupancy areas is less than or equal to 1 part per million (or 1 milligram per kilogram) without further conditions. The cleanup goal for bulk PCB remediation waste in low-occupancy areas is less than or equal to 25 mg/kg. Under Toxic Substances Control Act, Title 40 *Code of Federal Regulations* Section 761.61(a)(4)(vi), more stringent cleanup levels may be required based on the proximity to areas such as endangered species habitats, estuaries, and wetlands. Based on the results of the ecological risk assessment conducted for this site , a lower cleanup goal for sediments was selected for PCBs. The cleanup goal is 350 micrograms per kilogram (or 0.35 milligram per kilogram) for total PCBs in sediments. The Navy and the U.S. Environmental Protection Agency have agreed to use residential preliminary remediation goals as the cleanup goal for PCBs and other chemicals of ecological concern in soil.
State Requirements				
State and Regional Water Quality Control Boards				
Describes water basins and establishes beneficial uses	Impact to groundwater.	Water Quality Control Plan for the San Francisco Bay Region (Basin Plan) (*Water Code* Section 13240)	Applicable	The substantive requirements of the following provisions of Chapter 2 of the Basin Plan are applicable requirements: "Definitions of Beneficial Uses," "Present and Potential Beneficial Uses, Surface Waters," and "the Santa Clara Valley Basin section of Table 2-9."

Notes:

a	Indicates whether the requirement is applicable or relevant and appropriate for Alternatives 2 through 5.
PCB	Polychlorinated biphenyl

Source:

San Francisco Bay Regional Water Quality Control Board. 1995. "Water Quality Control Plan, San Francisco Bay Basin, Region 2." December.

TABLE 4: FEDERAL AND STATE LOCATION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Location	Requirement	Prerequisite	Citation	Applicable or Relevant and Appropriate Requirements Determination[a]	Comments
Federal Requirements					
Coastal Zone Management Act (Title 16 USC Section 1451-1464)					
Within coastal zone[b]	Conduct activities in a manner consistent with approved state management programs.	Activities affecting the coastal zone including lands there under and adjacent shore land.	Title 16 USC Section 1456(c) Title 15 CFR Part 930	Relevant and Appropriate	The remedial action will have some short-term impact on the coastal zone, in general, and marshes, specifically. The affected areas will be restored to their current use.
Endangered Species Act of 1973 (Title 16 USC Sections 1531-1543)					
Habitat upon which endangered species or threatened species depend	Federal agencies may not jeopardize the continued existence of any listed species or cause the destruction or adverse modification of critical habitat. The Endangered Species Committee may grant an exemption for agency action if reasonable mitigation and enhancement measures such as propagation, transplantation, and habitat acquisition an improvement are implemented.	Determination of effect upon endangered or threatened species or its habitat. Critical habitat upon which endangered species or threatened species depend.	Title 16 USC Section 1536(a), (h)(1)(B)	Relevant and Appropriate	Although no endangered species were identified in the area of the Northern Channel, pickleweed was identified along the slopes of the Northern Channel. The salt marsh harvest mouse, a federal and state endangered and threatened species, may visit the pickleweed in the Northern Channel areas. In addition, the California brown pelican, American peregrine falcon, California least tern, and the California clapper rail may visit the Northern Channel. In accordance with 50 CFR Part 17, Subpart B and Part 226 Subparts B, C, and D, no critical habitat exists in the Northern Channel area.

TABLE 4: FEDERAL AND STATE LOCATION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Location	Requirement	Prerequisite	Citation	Applicable or Relevant and Appropriate Requirements Determination[a]	Comments
Federal Requirements (Continued)					
Migratory Bird Treaty Act of 1972 (Title 16 USC Sections 703–712)					
Migratory bird area	Protects almost all species of native migratory birds in the United States from unregulated "take," which can include poisoning at hazardous waste sites.	Presence of migratory birds.	Title 16 USC Section 703	Relevant and Appropriate	The substantive portions are relevant and appropriate as migratory birds have been observed at the site.
Rivers and Harbors Act of 1899 (Title 33 USC Sections 401-413)					
Navigable waters	Permits required for structures or work in or affecting navigable waters.	Activities affecting navigable waters.	Title 33 USC Section 403 Title 33 CFR Part 322	Relevant and Appropriate	The substantive provisions of this requirement are relevant and appropriate requirements for dredging which may affect navigable waters.
Clean Water Act of 1988, as Amended, Section 404 (Title 33 USC Section 1344)					
Wetland	Action to prohibit discharge of dredged of fill material into wetland without permit	Wetland as defined by Executive Order No. 11990 Section 7.	Title 33 USC Section 1344 Title 40 CFR Section 230.10	Applicable	The substantive provisions are applicable for the discharge of dredged or fill material to a wetland.
Executive Order No. 11990, Protection of Wetlands					
Wetland	Action to minimize the destruction, loss, or degradation of wetlands.	Wetland meeting definition of Section 7.	Title 40 CFR Section 6.302(a)	Applicable	The substantive provisions of Title 40 CFR Section 602(a) are applicable requirements for the response action. The Navy will minimize the impacts to wetlands when implementing the response action.

TABLE 4: FEDERAL AND STATE LOCATION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Location	Requirement	Prerequisite	Citation	Applicable or Relevant and Appropriate Requirements Determination[a]	Comments
State Requirements					
California Endangered Species Act (*California Fish and Game Code* Sections 2050-2116)					
Endangered species habitat	No person shall import, export, take, possess, or sell any endangered or threatened species or par or product thereof.	Threatened or endangered species determination on or before January 1, 1985 or a candidate species with proper notification.	*California Fish and Game Code* Section 2080	Relevant and Appropriate	Although no endangered species were identified in the area of the Northern Channel, pickleweed was identified along the slopes of the Northern Channel. The salt marsh harvest mouse, a federal and state endangered and threatened species may visit or reside in the pickleweed in the Northern Channel areas.
California Fish and Game Code					
Waters of the state	Prohibits depositing in, permitting to pass into, placing where it can pass into waters of the state petroleum acid, coal or any substance or material deleterious to fish, plant life or bird life.	Deposit of material deleterious to fish, plant or bird life.	*California Fish and Game Code* Section 5650(a)	Relevant and Appropriate	The substantive provisions of 5650(a) are relevant and appropriate.

Notes:

a	Indicates whether the requirement is applicable or relevant and appropriate for Alternatives 2 through 5.
b	Coastal zone is defined as coastal waters (including the lands therein and thereunder) and the adjacent shorelands (including the waters therein and thereunder), strongly influenced by each other and in proximity to the shorelines of the several coastal states, and includes islands, transitional and intertidal areas, salt marshes, wetlands, and beaches.
CFR	*Code of Federal Regulations*
USC	*United States Code*

TABLE 5: FEDERAL AND STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Action	Requirement	Prerequisite	Citation	Applicable or Relevant and Appropriate Requirements Determination[a]	Comments
Federal Requirements					
Resource Conservation and Recovery Act (Title 42 USC, Chapter 82, Sections 6901-6991[i])					
Excavation	Definition of RCRA hazardous waste.	Soil and water	Title 22 CCR Sections 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1) and 66261.100	Applicable	The requirements of Title 22 CCR, Division 4.5, Chapter 14 are applicable for determining whether excavated material contains hazardous waste. These requirements may also be relevant and appropriate to excavated material that is similar or identical to RCRA hazardous waste or non-RCRA hazardous waste
Hazardous waste accumulation	On-site hazardous waste accumulation is allowed for up to 90 days as long as the waste is stored in containers or tanks, on drip pads, inside buildings, is labeled and dated, etc.	Accumulate hazardous waste	Title 22 CCR Section 66262.34	Applicable	These requirements are applicable if hazardous waste is generated and accumulated on-site before transport.
Land disposal	Requires generators of hazardous waste to determine if waste has to be treated before it can be land disposed. Requires generators to notify treatment facility if a waste is subject to land disposal restrictions and does not meet applicable treatment standards. If the waste meets treatment standards, generators must sign a certification.	Hazardous waste land disposal	Title 22 Sections 66268.1(f), 66268.7	Applicable	These requirements are applicable if hazardous waste is to be land disposed.

TABLE 5: FEDERAL AND STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Action	Requirement	Prerequisite	Citation	Applicable or Relevant and Appropriate Requirements Determination[a]	Comments
Federal Requirements (Continued)					
Resource Conservation and Recovery Act (Title 42 USC, Chapter 82, Sections 6901-6991[i])					
Pretransport requirements	Hazardous waste must be packaged in accordance with DOT regulations before they are transported.	Any operation where hazardous waste is generated	Title 22 CCR Section 66262.30	Applicable	These requirements are applicable if hazardous waste is to be transported.
	Hazardous waste must be labeled in accordance with DOT regulations before they are transported.	Any operation where hazardous waste is generated	Title 22 CCR Section 66262.31	Applicable	These requirements are applicable if hazardous waste is to be transported.
	Provides requirements for marking hazardous waste before they are transported.	Any operation where hazardous waste is generated	Title 22 CCR Section 66262.32	Applicable	These requirements are applicable if hazardous waste is to be transported.
	A generator must ensure that the transport vehicle is correctly placarded prior to transport of hazardous waste.	Any operation where hazardous waste is generated	Title 22 CCR Section 66262.33	Applicable	These requirements are applicable if hazardous waste is to be transported.
	Requires preparation of a manifest for transport of hazardous waste off-site.	Any operation where hazardous waste is generated	Title 22 CCR Sections 66262.20-66262.23	Applicable	These requirements are applicable if hazardous waste is to be transported.

TABLE 5: FEDERAL AND STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Action	Requirement	Prerequisite	Citation	Applicable or Relevant and Appropriate Requirements Determination[a]	Comments
Federal Requirements (Continued)					
Clean Air Act (Title 42 USC Section 7401 et seq.) (Continued)					
Excavation	Prohibits emissions that are as dark as or darker than No.1 on the Ringelmann Chart and sets forth opacity limitations.	Excavation	BAAQMD Regulations 6, Regulations 6-301 and 6-302	Applicable	These requirements are applicable for excavation.
	Prohibits the emission of particles in sufficient number to cause annoyance,	Release of particles	BAAQMD Regulation 6-305	Applicable	This requirement is applicable for excavation.
	Provides requirements for maintaining, covering and stock-piling excavated soil.	Soil stockpile	BAAQMD Regulation 8, Rule 40	Applicable	These requirements are applicable for excavation.
Federal Hazardous Materials Transportation Law (Title 49 USC Sections 5101-5127)					
Transportation of hazardous material Title 49 USC Sections 5101-5127	Sets forth requirements for transporting hazardous waste including representations that containers are safe, prohibitions on altering labels, marking requirements, labeling requirements and placarding requirements.	Interstate carriers transporting hazardous waste and substance by motor vehicle	Title 49 CFR Sections 171.2(f), 171.2(g), 172.300, 172.301,172.302, 172.303172.304, 172.312, 172.400, 172.504	Relevant and Appropriate	Relevant and appropriate for transporting hazardous materials on-site.
Clean Water Act of 1988, as Amended, Section 404 (Title 33 USC Section 1344)					
Discharge of water	Establishes the requirements for an National Pollutant Discharge Elimination System permit for discharge to waters of the United States.	Discharge of waster	Title 40 CFR Part 122 Subpart C	Relevant and Appropriate	Water generated while one section of the Northern Channel is dewatered will be discharged to another section of the channel. The substantive requirement of Title 40 CFR Part 122 Subpart C will be followed in addressing the new point discharge.

TABLE 5: FEDERAL AND STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Action	Requirement	Prerequisite	Citation	Applicable or Relevant and Appropriate Requirements Determination[a]	Comments
Federal Requirements (Continued)					
Clean Water Act of 1988, as Amended, Section 404 (Title 33 USC Section 1344) (Continued)					
Stormwater discharge	Order 99-08-DQW is the State of California general permit for stormwater discharge from construction. It requires use of best management practices to reduce pollutants.	Stormwater discharge	State Water Resources Control Board Order 99-08 adopted pursuant to Title 40 CFR Part 122, Subpart C	Relevant and Appropriate	Order 99-08—DQW applies to excavation activities that affect at least 1 acre. Pursuant to the substantive permit requirements, best management practices will be taken to prevent construction pollutants from contacting stormwater and keep erosions products from moving off site.
Toxic Substances Control Act (15 USC Chapter 53 Sections 2601-2692)					
Disposal of PCBs	Provides options for disposing of PCB remediation waste and requirements to implement each option.	Remedial actions involving PCBs	Title 40 CFR Section 761.61	Relevant and Appropriate	Excavated sediment containing PCBs may be disposed of in accordance with the requirements of this regulation.
Storage of PCB remediation waste	Establishes requirements for storage of PCB remediation wastes released into the environment.	Storage of PCBs	Title 40 CFR Sections 761.65(c)(4) and (c)(9)	Relevant and Appropriate	Excavated sediment that contains PCBs may be stored on site up to 180 days. The storage area must have a liner, cover, and runon control system.
Decontamination standards for water containing PCBs	Establishes standards for the disposal of water used for decontamination of equipment used in excavation, storage, and treatment of PCB remediation waste.	Decontamination of water	Title 40 CFR Section 761.79(b)(1)	Relevant and Appropriate	The decontamination standard for PCBs is less than 3 micrograms per liter for water discharges to a publicly owned treatment works or to navigable waters, or less than or equal to 0.5 microgram per liter PCBs for unrestricted use.

TABLE 5: FEDERAL AND STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Action	Requirement	Prerequisite	Citation	Applicable or Relevant and Appropriate Requirements Determination[a]	Comments
State Requirements					
Characterization of waste	Definition of "non-RCRA hazardous waste."	Waste.	Title 22 CCR Sections 66261.24(a)(2) and 66261.101	Applicable	Applicable for determining whether a waste is a non-RCRA hazardous waste.
	Contains criteria for characterizing the waste as either designated, nonhazardous, or inert waste.	Designated waste	Title 27 CCR Sections 20210, 20220 and 20230	Applicable	Representative samples of excavated sediment must be tested to identify appropriate disposal requirements.
Stormwater discharge	Establishes the state stormwater permit program and sets forth substantive conditions for construction sites larger than 1 acre.	Stormwater discharge	State Water Resources Control Board Order 99-08 adopted pursuant to Title 40 CFR Part 122, Subpart C	Relevant and Appropriate	Order 99-08—DQW applies to excavation activities that affect at least 1 acre. Pursuant to the substantive permit requirements, best management practices will be taken to prevent construction pollutants from contacting stormwater and keep erosions products from moving off site.

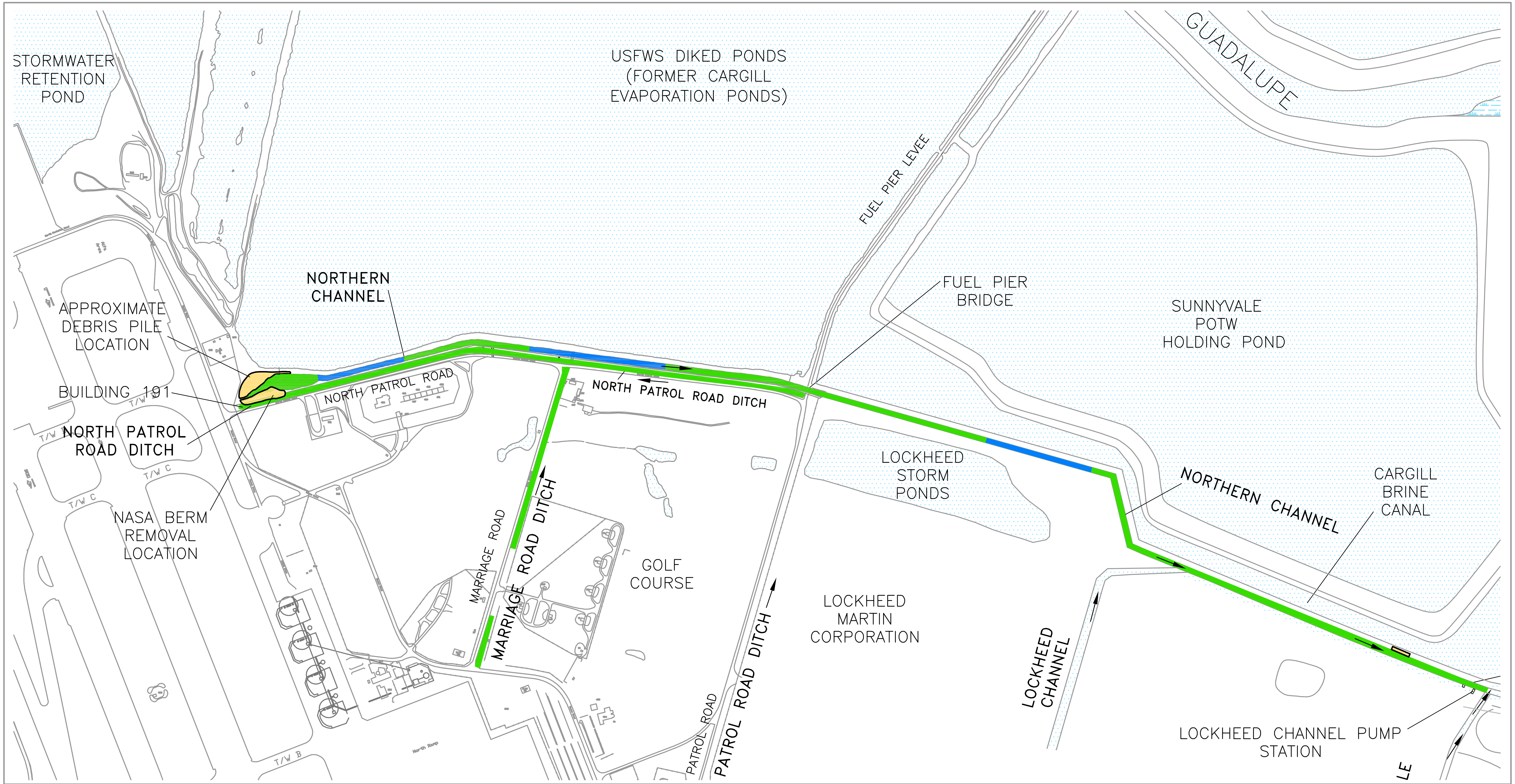
Notes:

a	Indicates whether the requirement is applicable or relevant and appropriate for Alternatives 2 through 4.
BAAQMD	Bay Area Air Quality Management District
CCR	*California Code of Regulations*
CFR	*Code of Federal Regulations*
DOT	Department of Transportation
PCB	Polychlorinated biphenyl
RCRA	Resource Conservation and Recovery Act
USC	*United States Code*

The excavation will extend according to the following limits (see Figure 8):

- Contaminated sediments from the entire length of the Northern Channel.
- Contaminated sediments from the entire length of the North Patrol Road Ditch.
- Contaminated sediments from approximately a 1,700-foot length of the Marriage Road Ditch.
- Contaminated sediments from the debris pile.
- Contaminated soil from (1) the western end of the Cargill and National Aeronautics and Space Administration berms adjacent to Building 191 (Transect 1), and (2) the Lockheed Martin Corporation berm near the eastern end of the Northern Channel (Transect 15).

The remedial action objectives and associated cleanup goals comply with the requirements in the National Oil and Hazardous Substances Pollution Contingency Plan and the Comprehensive Environmental Response, Compensation, and Liability Act. More details on the selected remedy and excavation limits are provided in Section 12.0 of this Record of Decision.



→ DIRECTION OF FLOW

▨ SURFACE WATER

▨ MARSH LAND

🟩 PROPOSED REMOVAL TO CLAY LAYER (INCLUDING REMOVAL OF DEBRIS PILE)

🟦 PROPOSED REMOVAL TO 1 FOOT BELOW SURFACE OF SEDIMENT

🟨 PROPOSED REMOVAL OF SELECTED AREA OF THE NORTHERN CHANNEL BERM

Notes:

POTW	Publicly owned treatment works
USFWS	U.S. Fish and Wildlife Service

N

500 0 500 1,000

Scale: 1" = 1,000'

SulTech

Former Naval Air Station Moffett Field

U.S. Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 8
PROPOSED EXCAVATION AREAS AT NORTHERN CHANNEL AND RELATED AREAS

Record of Decision

Site 27 - Northern Channel

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9.0 DESCRIPTION OF REMEDIAL ALTERNATIVES

The six remedial alternatives below were identified and evaluated in the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003) using the nine criteria from the National Oil and Hazardous Substances Pollution Contingency Plan for remedial alternatives (see Section 10.0).

- Alternative 1: No action
- Alternative 2: Excavating contaminated sediment and soil, dewatering sediment, transporting excavated sediment, soil, and debris off site for disposal, and restoring habitat
- Alternative 3A: Excavating contaminated sediment and soil, treating excavated material through bioremediation and stabilization, transporting treated material off site for disposal, and restoring habitat.
- Alternative 3B: Excavating contaminated sediment and soil, treating excavated material through stabilization, transporting treated material off site for disposal, and restoring habitat.
- Alternative 4A: Capping contaminated sediment and soil in-place, enacting institutional controls to maintain the cap, and restoring habitat.
- Alternative 4B: Capping contaminated sediment at the debris pile, excavating contaminated sediments, transporting excavated material off site for disposal, enacting institutional controls to maintain the cap, and restoring habitat.

The remedial alternatives were developed to reduce the concentrations of, and potential for exposure to, total polychlorinated biphenyls, total dichlorodiphenyltrichloroethane, total chlordane, cadmium, lead, mercury, selenium, silver, and zinc in sediment and soil. The remedial action objectives and the identified remediation areas were evaluated together to identify general response actions that are feasible for the types of contaminated media, the chemical concentrations to be attained by the remediation, the contaminant exposure pathways to be addressed, and the volume of the medium to be remediated.

The following sections summarize the key elements of each remedial alternative.

9.1 ALTERNATIVE 1: NO ACTION

Under Alternative 1, no cleanup action or monitoring would be conducted. The Comprehensive Environmental Response, Compensation, and Liability Act requires that the no-action alternative be evaluated to establish a baseline for comparison with other alternatives that involve cleanup action. Under Alternative 1, the site would be left in its current condition, and there would be no associated costs.

The following key elements below were identified for Alternative 1.

- **Operation and Maintenance:** None
- **Long-Term Reliability:** None
- **Monitoring Requirements:** None
- **Applicable or Relevant and Appropriate Requirements:** Chemical- and location-specific applicable or relevant and appropriate requirements for Alternative 1 were identified in Tables 3 and 4 and discussed in Appendix C; there are no action-specific applicable or relevant and appropriate requirements for the no-action alternative
- **Estimated Time for Construction and Implementation:** None
- **Estimated Costs:**
    - Capital: $0
    - Total Operation and Maintenance: $0
    - Estimated 30-Year Total Cost: $0
- **Expected Outcome of Alternative:** Under this alternative, no action would be taken to treat or remove contaminated sediments. No construction or operation of remedial measures would be required, and no long-term monitoring would be conducted.
- **Land Use, Water Use, or Other Impacts:** This alternative would result in continued use of the area for stormwater drainage. No action may pose risk to human health and ecological receptors. Specifically, risk may be posed from potentially harmful levels of chemicals of ecological concern (COEC) that are present in sediments and soil. As a result, future use of portions of the Northern Channel as a recreational area may also be limited.

9.2 ALTERNATIVE 2: EXCAVATION AND OFF-SITE DISPOSAL (SELECTED REMEDY)

Alternative 2 consists of excavating contaminated sediments from the Northern Channel, associated ditches, and the debris pile, and soil from the berms near the western end of the Cargill and National Aeronautics and Space Administration berms adjacent to Building 191, conducting confirmation sampling, transporting excavated material off site to an appropriate disposal facility, and restoring the area following the remedial action. The key elements below were identified for Alternative 2.

- **Operation and Maintenance:** None

- **Long-Term Reliability:** Excavation and off-site disposal of contaminated sediment and soil provides a long-term, effective, and permanent remedy at the Northern Channel and ditches. COECs detected at concentrations that exceed cleanup goals would be excavated and removed to a landfill, permanently eliminating risks for both human health and ecological receptors associated with contaminated sediment and soil.

- **Monitoring Requirements:** None.

- **Applicable or Relevant and Appropriate Requirements:** Applicable or relevant and appropriate requirements were identified in Tables 3, 4, and 5 and discussed in Appendix C.

- **Estimated Time for Construction and Implementation:** Up to 3 months

- **Estimated Costs:**

  - Capital: $6,761,070
  - Total Operation and Maintenance: $0
  - Estimated 30-Year Total Cost: $6,761,070

- **Expected Outcome of Alternative:** This alternative is expected to result in achieving the remedial action objective of limiting the exposure of ecological receptors to COECs in sediments in the Northern Channel, associated ditches, and the debris pile and in soil at the berms. This alternative is protective of human and ecological receptors reasonably anticipated at the site.

- **Land Use, Water Use, or Other Impacts:** This remedial alternative would result in continued use of the area for stormwater drainage and as a recreational area because human and ecological receptors would be protected from potentially harmful levels of COECs that are currently present in sediment and soil.

The following sections discuss each phase of Alternative 2.

9.2.1 Excavation

Pre-excavation activities would include (1) conducting a biological assessment of the area to identify threatened or endangered species, (2) developing a stormwater management plan specific to construction, (3) establishing stable and level access paths for equipment and vehicles, and (4) dewatering of the Northern Channel and associated ditches. The remedial design would identify appropriate measures to avoid or minimize impacts on wetlands during the remedial action. National Aeronautics and Space Administration is conducting appropriate biological surveys in consultation with U.S. Fish and Wildlife Service and California Department of Fish and Game.

The approximate total volume of sediments and soil to be excavated would be 65,600 cubic yards, which would be disposed of properly in an appropriate landfill. Water would be diverted, the channel and ditches would be dewatered, and the contaminated sediments would be excavated.

All sediments would be dewatered as required before they are transported off site using best management practices to minimize impacts to the area. It is anticipated that all sediment and soil will be disposed of in Class I and II landfills. Excavated sediments and soil would be tested, transported, and disposed of off site at a permitted facility.

9.2.2 Confirmation Sampling

After excavation, samples would be collected to confirm that contaminated soil and sediments have been removed and that cleanup goals have been met.

9.2.3 Site Restoration

The site would be restored when confirmation sampling was complete. Clean soil brought on site as backfill would be similar to existing soil and would be transported in trucks in accordance with a transportation plan to be developed as part of the cleanup design. The berms would be regraded as necessary.

Efforts would be made to obtain backfill soil that is generally free from noxious weeds. Wetland plant species would then be reintroduced, where necessary, based on a revegetation plan that would also be prepared as part of the cleanup design. Only the excavated berms will be revegetated. A trained wetlands biologist would be present to monitor all on-site construction.

9.2.4 Institutional Controls

Institutional controls are not required under Alternative 2.

9.2.5 Five-Year Review

Five-year reviews are a statutory requirement for remedial alternatives that include restricted use to eliminate exposure pathways and receptor contact with contaminants of concern. A five-year review would not be required under Alternative 2.

9.3 ALTERNATIVES 3A AND 3B: EXCAVATION WITH EX SITU BIOREMEDIATION TREATMENT (3A) OR SOLIDIFICATION (3B) AND OFF-SITE DISPOSAL

These alternatives involve excavating the same areas as described under Alternative 2. The alternatives also involve treatment of excavated sediment and soil using either bioremediation to treat organic chemicals and stabilization to treat metals (Alternative 3A) or stabilization to treat only metals (Alternative 3B), off-site disposal of sediment and soil (in a Class I or Class II landfill depending on the concentration of COECs after treatment), and confirmation sampling. The key elements below were identified for Alternatives 3A and 3B.

- **Operation and Maintenance:** None

- **Long-Term Reliability:** COECs detected at concentrations that exceed cleanup goals would be permanently removed from the Northern Channel and ditches, thereby eliminating risks associated with contaminated sediment for both human health and ecological receptors.

- **Monitoring Requirements:** None.

- **Applicable or Relevant and Appropriate Requirements:** Applicable or relevant and appropriate requirements were identified in Tables 3, 4, and 5 and in Appendix C.

- **Estimated Time for Construction and Implementation:** Up to 9 months for Alternative 3A, and up to 7 months for Alternative 3B.

- **Estimated Costs:**

  - Capital: $6,552,000 for Alternative 3A, and $6,395,000 for Alternative 3B
  - Total Operation and Maintenance: $0 for Alternatives 3A and 3B
  - Estimated 30-Year Total Cost: $6,552,000 for Alternative 3A, and $6,395,000 for Alternative 3B

- **Expected Outcome of Alternative:** These alternatives are expected to result in achieving the remedial action objective of limiting the exposure of ecological receptors to COECs in sediments in the Northern Channel, associated ditches, and the debris pile and in soil at the berms. These alternatives are protective of human and ecological receptors reasonably anticipated at the site.

- **Land Use, Water Use, Other Impacts:** This remedy would result in continued use of the area for stormwater drainage and as a recreational area because human and ecological receptors would be protected from potentially harmful levels of COECs that are currently present in sediment and soil.

The following sections discuss each phase of Alternatives 3A and 3B.

9.3.1 Excavation

Pre-excavation activities would include (1) performing a biological assessment of the area to identify threatened or endangered species, (2) developing a stormwater management plan specific to construction, (3) establishing stable and level access paths for equipment and vehicles, and (4) dewatering of the Northern Channel and associated ditches. The remedial design would identify appropriate measures to avoid or minimize impacts on wetlands during the remedial action. National Aeronautics and Space Administration is conducting appropriate biological surveys in consultation with U.S. Fish and Wildlife Service and California Department of Fish and Game.

An estimated 65,600 cubic yards of sediment and soil would be removed from Site 27. Sediment and soil would be removed as described under Alternative 2. Both alternatives call for off-site disposal of sediment and soil in an appropriate landfill after treatment. It is anticipated that all soil would be disposed of in a Class II landfill under Alternative 3A, and that soil would be disposed of in Class I and II landfills under Alternative 3B.

9.3.2 Treatment

Under Alternative 3A, excavated soil would be treated using ex situ bioremediation and stabilization. Soil and sediment that contain COECs at concentrations that exceed cleanup goals would be treated biologically in a temporary on-site treatment unit using naturally occurring microorganisms. Although these microorganisms have the potential to metabolize polychlorinated biphenyls and dichlorodiphenyltrichloroethane, it has not been proven that these organisms can reduce concentrations of these chemicals to below cleanup goals. However, biological treatment would not lower the concentrations of metals. Therefore, after soil or sediment has been biologically treated, if required, soil and sediment that contains metals would be stabilized.

Under Alternative 3B, excavated soil would be treated using stabilization only. Organic COECs at concentrations that exceed cleanup goals would not be treated; therefore, soil and sediment that contain concentrations of organic COECs that exceed cleanup goals would require disposal.

9.3.3 Confirmation Sampling

After excavation, confirmation samples would be collected as described in Alternative 2. In addition, treated soil and sediment would be sampled to evaluate treatment performance.

9.3.4 Site Restoration

After the excavation is complete, the site would be restored as described for Alternative 2.

9.3.5 Institutional Controls

As with Alternative 2, institutional controls would not be required under Alternatives 3A and 3B.

9.3.6 Five-Year Review

Five-year reviews are statutory requirement reviews for remedial alternatives that include restricted use to eliminate exposure pathways and receptor contact with contaminants of concern. A five-year review would not be required under Alternatives 3A and 3B because no contamination would be left in place.

9.4 ALTERNATIVES 4A AND 4B: PLACEMENT OF A CONCRETE CAP AND GEOMEMBRANE COVER (4A) OR PLACEMENT OF A GEOSYNTHETIC CLAY LINER AND EXCAVATION (4B)

These alternatives involve (1) capping sediments in the Northern Channel, ditches, and debris pile and soils in the berms at locations where concentrations of COECs exceed cleanup goals with a concrete cap and geomembrane (Alternative 4A), or (2) only capping soils in the berms and sediments in the debris pile with a geosynthetic clay layer and excavating and disposing of the sediments in the Northern Channel and associated ditches (Alternative 4B). The key elements below were identified for Alternatives 4A and 4B.

- **Operation and Maintenance:** Inspect and repair the cap; conduct five-year reviews

- **Long-Term Reliability:** Alternative 4A (concrete cap and geomembrane) would be effective for long-term protection of human health and the environment. Contaminated sediments at the Northern Channel and associated ditches would be isolated from human and ecological receptors through capping and institutional controls. However, continued long-term effectiveness depends largely on proper maintenance of the cap. Long-term effectiveness also would depend on potential changes to the drainage network. The concrete cap requires little maintenance because it inhibits burrowing organisms. Institutional controls contribute to long-term protectiveness of human health and the environment because they help maintain the integrity of the cap. With institutional controls in place and followed, the life span of the cap is expected to be 30 to 50 years.

  Long-term effectiveness with the geosynthetic clay liner portion of Alternative 4B is similar to the long-term effectiveness of Alternative 4A. The cap would require regular inspection and maintenance. The excavation portion of Alternative 4B would provide a long-term effective and permanent remedy at the Northern Channel and ditches.

- **Monitoring Requirements:** Integrity of the cap would be monitored through regular inspections and five-year reviews.

- **Applicable or Relevant and Appropriate Requirements:** Applicable or relevant and appropriate requirements were identified in Tables 3, 4, and 5, and discussed in Appendix C.

- **Estimated Time for Construction and Implementation:** Up to 3 months for both alternatives.

- **Estimated Costs:**

  - Capital: $9,037,000 for Alternative 4A, and $6,116,000 for Alternative 4B
  - Total Operation and Maintenance (over 30-year period at discount factor of 5.1 percent): $288,000 for Alternative 4A, and $212,000 for Alternative 4B. For both alternatives operation and maintenance costs include monitoring of institutional controls, maintaining the cap, and preparing a five-year review report.
  - Estimated 30-Year Total Cost: $9,325,000 for Alternative 4A, and $6,328,000 for Alternative 4B

- **Expected Outcome of Alternative:** These alternatives are expected to achieve the remedial action objective of limiting the exposure of ecological receptors to COECs in sediments in the Northern Channel, associated ditches, and the debris pile. This alternative is protective of human and ecological receptors reasonably anticipated at Site 27. Alternative 4A would reduce the capacity of the Northern Channel and ditches. Alternative 4B would increase the capacity of the channel and ditches.

- **Land Use, Water Use, Other Impacts:** These remedial alternatives would result in continued use of the area for stormwater drainage and as a recreational area because human and ecological receptors would be protected from potentially harmful levels of COECs that are currently present in sediments. However, the concrete cap would reduce the capacity of the Northern Channel and ditches and would limit options for any future drainage modifications.

The following sections discuss each phase of Alternatives 4A and 4B.

9.4.1 Capping

Pre-excavation activities would include (1) performing a biological assessment of the area to identify threatened or endangered species, (2) developing a stormwater management plan specific to construction, and (3) establishing stable and level access paths for equipment and vehicles. The remedial design would identify appropriate measures to avoid or minimize impacts on wetlands during the remedial action. National Aeronautics and Space Administration is also conducting appropriate biological surveys in consultation with U.S. Fish and Wildlife Service and California Department of Fish and Game.

Alternative 4A involves construction and placement of a 4-inch-thick concrete cap along the bottom of the Northern Channel and drainage ditches, and capping soils and sediments that contain COECs at concentrations above cleanup goals along the berm of the Northern Channel and within the debris pile using a geosynthetic clay liner. This alternative could be constructed without dewatering the channels. However, roads on the top of the berms would be improved to support heavy equipment. The concrete cap would be designed and placed to minimize the opportunity for the concrete cap to slide down the slopes and potentially float as a result of hydrostatic pressure differences.

Alternative 4B involves capping soils and sediments that contain COECs at concentrations above cleanup goals along the berm of the Northern Channel and within the debris pile using a geosynthetic clay liner, as well as excavating and disposing of contaminated sediments that contain COECs at concentrations above cleanup goals from the Northern Channel and the associated drainage ditches. The total volume of soil and sediment to be excavated would be about 54,965 bulk cubic yards. Excavated soil and sediment would be disposed of properly in a landfill.

9.4.2 Confirmation Sampling

After excavation, samples would be collected to ensure proper disposal and to confirm that the cleanup goals have been met.

9.4.3 Site Restoration

The site would be restored when capping was complete. Wetland plant species would then be reintroduced, where necessary, based on a revegetation plan that would be prepared as part of the cleanup design. Only the berms would be revegetated. A trained wetlands biologist would be present to monitor all on-site construction.

9.4.4 Institutional Controls

After cap completion, institutional controls would be developed to limit activities that might impair its integrity (such as dredging the channel or ditches). The cap would require routine inspections and repair when necessary.

9.4.5 Five-Year Review

A five-year review process is a statutory requirement for remedial alternatives that include restricted use to eliminate exposure pathways and receptor contact with contaminants of concern. The five-year review would be used to address performance of the remedy, including maintenance, monitoring, and evaluation and would focus on assessing if the remedy is continuing to protect human health and the environment and is functioning as intended.

10.0 SUMMARY OF COMPARATIVE ANALYSIS OF ALTERNATIVES

This section summarizes the comparative analysis of the remedial alternatives that was conducted as part of the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003). The National Oil and Hazardous Substances Pollution Contingency Plan requires that the relative performance of each alternative be evaluated against nine criteria of Title 40 of the *Code of Federal Regulations* Section 300.430(e)(9)(iii). The nine criteria are briefly described below.

1. Overall Protection of Human Health and the Environment: Determines whether an alternative eliminates, reduces, or controls threats to public health and the environment through institutional controls, engineering controls, or treatment.

2. Compliance with Applicable or Relevant and Appropriate Requirements: Evaluates whether the alternative meets federal and state environmental statutes, regulations, and other requirements that pertain to the site, or whether a waiver is justified.

3. Long-Term Effectiveness and Permanence: Considers the ability of an alternative to maintain protection of human health and the environment over time.

4. Short-Term Effectiveness: Considers the length of time needed to implement an alternative and the risks the alternative poses to workers, residents, and the environment during implementation.

5. Reduction of Toxicity, Mobility, or Volume Through Treatment: Evaluates an alternative's use of treatment to reduce the harmful effects of principal chemicals, the chemical's ability to move in the environment, and the amount of contamination present.

6. Implementability: Considers the technical and administrative feasibility of implementing the alternative, including factors such as the relative availability of goods and services.

7. Cost: Includes estimated capital and annual operation and maintenance costs, as well as present worth cost. Present worth cost is the total cost of an alternative over time in terms of today's dollar value. Cost estimates are expected to be accurate with a range of plus 50 to minus 30 percent.

8. State/Support Agency Acceptance: Considers whether the state agrees with U.S. Department of the Navy's analysis and recommendations, as described in the remedial investigation, feasibility study, and proposed plan.

9. Community Acceptance: Considers whether the local community agrees with Navy analyses and the selected alternative. Comments received on the proposed plan are an important indicator of community acceptance.

Table 6 summarizes the acceptability of each alternative evaluated using the nine criteria described above. The following subsections describe the comparative analysis of each alternative.

TABLE 6: COMPARATIVE EVALUATION OF THE REMEDIAL ALTERNATIVES

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Evaluation Criteria	**Alternative 1: No Action**	**Alternative 2: Excavation and Off-Site Disposal**	**Alternative 3A: Excavation, Ex Situ Bioremediation/ Stabilization, and Disposal**	**Alternative 3B: Excavation, Stabilization and Disposal**	**Alternative 4A: Concrete Cap and Geomembrane Cover**	**Alternative 4B: Geosynthetic Clay Liner, Excavation, and Disposal**
Overall Protection of Human Health and the Environment	Not Protective	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Compliance with Applicable or Relevant and Appropriate Requirements	Not Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Long-Term Effectiveness and Permanence	Not Evaluated	Most Favorable	Most Favorable	Most Favorable	Least Favorable	Acceptable
Short-Term Effectiveness	Not Evaluated	Most Favorable	Acceptable	Acceptable	Acceptable	Acceptable
Reduction of Toxicity, Mobility, or Volume Through Treatment	Not Evaluated	Acceptable	Most Favorable	Acceptable	Least Favorable	Acceptable
Implementability	Not Evaluated	Most Favorable	Acceptable	Acceptable	Least Favorable	Acceptable
Cost	Not Evaluated	Acceptable	Acceptable	Acceptable	Least Favorable	Most Favorable
State Acceptance	U.S. Environmental Protection Agency and San Francisco Bay Regional Water Quality Control Board concur with the selection of Alternative 2					
Community Acceptance	Overall, the Site 27 Proposed Plan was accepted by the public. Specific public comments and Navy responses to those comments are presented in the Responsiveness Summary, which is provided in Appendix B to this Record of Decision.					

10.1 OVERALL PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT

Alternative 1 (No Action) would not protect human health and the environment because contaminated soil and sediments would remain in place and the potential for exposure would not be reduced. For this reason, Alternative 1 was not considered further. Alternatives 2, 3A, 3B, 4A, and 4B would all protect human health and the environment because they remove or isolate the contaminants and eliminate the potential for direct contact with the contamination. Removal of sediment and soil is protective based on the general reduction in chemical concentrations with depth and the elimination of potential ecological exposure pathways. All of the active alternatives would meet the remedial action objective and limit the exposure of ecological receptors by reducing or isolating the chemicals in shallow soil and sediment to protective levels. Alternatives 2, 3A, 3B, 4A, and 4B are therefore considered acceptable in overall protection of human health and the environment.

10.2 COMPLIANCE WITH APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Applicable or relevant and appropriate requirements from federal and state laws and regulations were evaluated for each alternative in the feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003). In this Record of Decision, two additional location-specific applicable or relevant and appropriate requirements have been added: the Migratory Bird Treaty Act and the regulations implementing Executive Order 11990 relating to wetlands (see Table 4). As summarized below, Alternatives 2, 3A, 3B, 4A, and 4B comply with all chemical-, location-, and action-specific applicable or relevant and appropriate requirements. Alternative 1, No Action, does not comply with all of the applicable or relevant and appropriate requirements.

For each of the alternatives, the substantive requirements of the following laws or regulations were considered as potential applicable or relevant and appropriate requirements: Toxic Substances Control Act, the Water Quality Control Plan (or Basin Plan), the Coastal Zone Management Act, the federal Endangered Species Act, the federal Rivers and Harbors Act, Section 404 of the Clean Water Act, including federal and state stormwater requirements, Executive Order 11990, the Migratory Bird Treaty Act, the federal Resource Conservation and Recovery Act, the federal Hazardous Materials Transportation Law, the Clean Air Act, the *California Fish and Game Code* Sections 2080 and 5650(a), and the *California Civil and Health and Safety Codes* for land-use controls.

10.2.1 Chemical-Specific Applicable or Relevant and Appropriate Requirements

The only federal chemical-specific applicable or relevant and appropriate requirements identified for the Northern Channel was the remediation waste cleanup standards for polychlorinated biphenyls in Title 40 of the *Code of Federal Regulations* Section 761.61(a)(4)(i). The cleanup goal for bulk remediation waste in high-occupancy areas is less than or equal to 1 milligrams per kilogram without further consideration and less than or equal to 25 milligrams per kilogram for low-occupancy areas such as the Northern Channel. However, the Navy determined that the cleanup goal of 25 milligrams per kilogram was not sufficiently protective of ecological receptors; therefore, the cleanup goal was based on the results of the ecological risk assessment for the Northern Channel (PRC Environmental Management, Inc. and Montgomery Watson, Inc. 1997). This adoption of a lower cleanup goal is consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (Title 40 of the *Code of Federal Regulations* Section 300.430) requirement that both human health and ecological risks be considered at any given site.

The Navy determined that the substantive requirements of the following provisions of Chapter 2 of the Basin Plan are state chemical-specific applicable or relevant and appropriate requirements (San Francisco Bay Regional Water Quality Control Board 1995):

- Definitions of beneficial uses
- Present and potential beneficial uses, surface waters
- The Santa Clara Valley Basin section of Table 2-9

10.2.2 Location-Specific Applicable or Relevant and Appropriate Requirements

Location-specific ARARs include the substantive provisions of the following:

- Section 403 of the Rivers and Harbors Act Title (33 USC Section 401-413, Title 33 CFR Part 322)
- Section 1456(c) of the Coastal Zone Management Act (16 USC Section 1451-1464, Title 15 CFR Part 930)
- Section 1536(a), (h)(1)(B) of the Federal Endangered Species Act (Title 16 USC Sections 1531-1543)
- Section 703 of the Migratory Bird Treaty Act (Title 16 USC Sections 703–712)
- Section 404 of the Clean Water Act Title (Title 33 USC Section 1344, Title 40 CFR Section 230.10)
- Title 40 of the *Code of Federal Regulations* Section 6.302(a), which codifies Executive Order 11990
- *California Fish and Game Code* Section 5650
- California Endangered Species Act, *California Fish and Game Code* Section 2080

All active alternatives comply with location-specific applicable or relevant and appropriate requirements. The coastal zone would not be permanently altered. For the alternatives that include excavation, sediments would be excavated in a manner that would minimize the anticipated short-term and temporary effects.

There are additional considerations applied to the construction of the cap in Alternatives 4A and 4B. Design of the cap and construction in the channel would take into account substantive requirements of the Rivers and Harbors Act, the Coastal Zone Management Act, the federal Endangered Species Act, the Migratory Bird Treaty Act, the California Endangered Species Act, and the *California Fish and Game Code*. The area would be capped in accordance with Section 404 of the Clean Water Act and implementing regulations, as well as the substantive requirements of Section 5650(a) of the *California Fish and Game Code*.

10.2.3 Action-Specific Applicable or Relevant and Appropriate Requirements

Action-specific ARARs include the substantive provisions of the following:

- Title 22 CCR Sections 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1) 66261.100, 66262.34, 66268.1(f), 66268.7, 66262.20-23,66262.30-66262.33 (Resource Conservation and Recovery Act Title 42 USC, Chapter 82, Sections 6901-6991[i])
- Title 49 CFR Sections 171.2(f), 171.2(g), 172.300, 172.301,172.302, 172.303172.304, 172.312, 172.400, 172.504 (Regulations under the Federal Hazardous Materials Transportation Law, Title 49 USC Sections 5101-5127)
- BAAQMD Regulations 6, 6-301, 6-302, and 6-305 and Regulation 8, Rule 40 (Clean Air Act, Title 42 USC Section 7401 et seq.)
- Title 40 CFR Part 122 Subpart C (Regulations under Clean Water Act, Title 33 USC Section 1344)
- Title 40 CFR Section 761.61, 761.65(c)(4) and (c)(9), 761.79(b)(1) (Regulations under the Toxic Substances Control Act, Title 15 USC Chapter 53 Sections 2601-2692)
- Title 22 of the *California Code of Regulations* Section 66261.24(a)(2)
- Title 27 of the *California Code of Regulations* Sections 20210, 20220 and 20230
- California Stormwater Regulations, State Resources Water Control Board Order No. 99-08-DWQ
- *California Civil Code* Section 1471
- *California Health and Safety Code* Section 25202.5

All active alternatives comply with these action-specific applicable or relevant and appropriate requirements. During excavation in Alternatives 2, 3A, 3B, and 4B, best management practices (such as silt fences and erosion blankets) would be used to minimize contact between pollutants released by construction and stormwater and to minimize that amount of eroded soil that moves off site, in accordance with State Water Resources Control Board Order 99-08. Appropriate measures also would be used in accordance with Bay Area Air Quality Management District Regulation 6-301 to control dust during excavation.

Any excavated sediment will be characterized to evaluate whether the contaminated medium should be managed as a hazardous waste pursuant to *California Code of Regulations* Title 22 Section 66261.24 and Title 23 Section 2521 or as a designated waste as defined in Title 27 of the *California Code of Regulations* Section 20210. Sediment could be characterized either before or after it is excavated. An appropriate off-site disposal facility will be selected based on the results of the analysis. If the waste is identified as hazardous, the substantive requirements of Title 22 of the *California Code of Regulations* Sections 66262.30, 66262.31, and 66262.32 will apply for packaging, labeling, and marking the waste in accordance with the U.S. Department of Transportation regulations. Based on sampling during the data gaps investigation, some sediments and soil will be classified as California-hazardous, but not Resource Conservation and Recovery Act-hazardous.

As part of dewatering prior to excavation, the substantive requirements of a National Pollutant Discharge Elimination System permit would be required for the new discharge point (Title 40 of the *Code of Federal Regulations* 122 Subpart C). Best management practices would also be used to minimize contact between stormwater and construction pollutants in accordance with State Water Resources Control Board Order 99-08 and with Bay Area Air Quality Management District Regulation 6-301 to control dust during excavation.

For Alternatives 4A and 4B, which include institutional controls, compliance with *California Civil Code* Section 1471 and *California Health and Safety Code* Section 25202.5 would be required.

10.3 LONG-TERM EFFECTIVENESS AND PERMANENCE

Alternatives 2, 3A, and 3B would all provide the same level of permanence because the contaminants would be removed, thereby permanently eliminating risks associated with contaminated soil and sediment to both human health and ecological receptors. Alternatives 3A and 3B would further improve long-term effectiveness by destroying or immobilizing some of the contaminants by applying a treatment technology. Alternative 4A provides long-term effectiveness by isolating the contaminants, but the integrity of the cap must be maintained indefinitely. Alternative 4B provides a greater level of permanence than does Alternative 4A because most of the contaminants would be removed. The level of permanence is lower for Alternative 4B than for Alternatives 2 and 3 because the integrity of the cap on the berm area must be maintained. Therefore, Alternative 4A is the least favorable and Alternatives 2, 3A, and 3B are the most favorable in providing long-term effectiveness and permanence.

10.4 SHORT-TERM EFFECTIVENESS

Each active alternative would be effective in the short term at reducing the level of contaminants in the Northern Channel and related areas, with minimal negative effects to workers or the community. Alternative 3A would take the longest to implement, and the risk to workers might be greater because of additional sediment handling during treatment. Alternatives 2, 3A and 3B, and 4A and 4B are readily implementable and all are acceptable. Alternative 2 would likely be implemented in the shortest time period with the least risk of impact during implementation and is, therefore, considered most favorable.

10.5 REDUCTION IN TOXICITY, MOBILITY, AND VOLUME THROUGH TREATMENT

Alternatives 2, 3A, 3B, and 4B would remove contaminated sediment from the Northern Channel and related areas and, therefore, would reduce the volume at the site and the mobility of the contaminants by eliminating the potential for contaminants to leave the site. Alternative 3A would also reduce the toxicity of the organic and metal contaminants prior to off-site disposal. The level of reduction of toxicity and volume of organic chemicals would likely achieve the minimal reduction needed for disposal at a Class II landfill. Alternative 3B, stabilization, would not reduce the volume or toxicity of organic chemicals but would reduce the toxicity of metal contaminants prior to off-site disposal. This alternative would also reduce the mobility of all contaminants prior to off-site disposal. Alternative 4A would not reduce either the toxicity or the volume of contaminants but reduces only the mobility of the contaminants and the exposure of contaminants to receptors. Therefore, all the alternatives are acceptable, but Alternative 3A is regarded as the most favorable.

10.6 IMPLEMENTABILITY

All the remedial action alternatives provide engineering challenges but can be readily implemented. The areas to be excavated are the same for Alternatives 2, 3A, and 3B. Alternatives 2, 3A, 3B, and 4B would increase the capacity of the Northern Channel. In addition, operation and maintenance for these alternatives are much easier and economical than for Alternative 4A. Implementation of Alternative 4A would slightly decrease the capacity of the Northern Channel. Alternatives 2, 3A, 3B, and 4B are favored over Alternative 4A in terms of operation and maintenance and capacity of the channel. With regard to engineering and execution, Alternative 2, excavation and off-site disposal, would be the easiest to implement because it requires no treatment. Alternatives 3A and 3B, bioremediation or stabilization, would not be equipment intensive and would not present any major engineering obstacles. However, both require containing and treating the sediments onsite without disruptions to the habitat. In addition, bioremediation is not a proven technology for treating the polychlorinated biphenyls and pesticides in soil and sediments that are unique to Moffett. The concrete capping alternative (4A) would be equipment intensive and may present more engineering difficulties than would bioremediation. Overall, Alternative 2 is the most favorable regarding implementability and Alternative 4A is least favorable.

10.7 COSTS

The estimated cost of Alternative 2 is $6,761,070. Most costs are related to excavation and disposal of sediment and soil. The estimated cost of Alternative 3A is $6,552,000 and of Alternative 3B is $6,395,000. These costs mainly involve sediment excavation, stabilization, and biological treatment or disposal. The estimated cost of Alternatives 4A is $9,325,000 and of Alternative 4B is $6,328,000. In addition to excavation, disposal, and capping costs, Alternatives 4A and 4B also include cap maintenance, monitoring of institutional controls, and five-year reviews. Alternative 4B is the least costly of the alternatives that meet the established criteria. However, the difference in estimated cost among Alternatives 2, 3A, 3B, and 4B is negligible. Alternative 4A is the most expensive alternative. Alternative 4B is regarded as the most cost-favorable alternative and Alternative 4A is the least favorable.

10.8 STATE AND SUPPORT AGENCY ACCEPTANCE

U.S. Environmental Protection Agency and the State of California, through the San Francisco Bay Regional Water Quality Control Board, concur with the selection of Alternative 2 as the remedy for Site 27 as presented in the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003).

10.9 COMMUNITY ACCEPTANCE

A public review and comment period for the Site 27 Proposed Plan was held from May 4, 2004, to June 4, 2004 (Navy 2004), with a public meeting held on May 20, 2004. Representatives from the Navy, U.S. Environmental Protection Agency, and San Francisco Bay Regional Water Quality Control Board answered questions at this meeting, and supplied the rationale for proposing the selected remedy for the Northern Channel and related areas. Overall, the Site 27 Proposed Plan was accepted by the public. Specific public comments and Navy responses to those comments are presented in the Responsiveness Summary, which is provided in Appendix B to this Record of Decision.

11.0 PRINCIPAL THREAT WASTE

Contamination at Site 27 is not considered a principal threat waste based on "A Guide To Preparing Superfund Proposed Plans, Records of Decision, and Other Remedy Selection Decision Documents" (U.S. Environmental Protection Agency 1999). For example, there are no drummed wastes, free product, high concentrations of mobile chemicals, or highly toxic source materials. Sediment at Site 27 contains non-mobile contaminants at low concentrations that do not present an unacceptable excess cancer risk. These contaminants are considered a low-level threat waste. According to the U.S. Environmental Protection Agency guidance, these materials generally are not a principal threat waste; therefore, a discussion of principal threat waste was not deemed applicable to this Record of Decision.

12.0 SELECTED REMEDY

This section discusses the rationale for selecting the remedy at Site 27, describes the selected remedy, summarizes the anticipated costs associated with the selected remedy, and presents the expected outcomes of the remedy selected for Site 27.

12.1 RATIONALE FOR SELECTION OF REMEDY

Based on a comparison between the different alternatives, the Navy has selected Alternative 2 as the preferred alternative because the remedy:

- Meets the overall remedial action objective to limit exposure of human and ecological receptors to contaminated soil and sediments in the Northern Channel and related areas
- Meets applicable or relevant and appropriate requirements
- Is permanent and effective without the need for long-term operations, maintenance, or monitoring
- Provides a proven remediation strategy when compared to other alternatives
- Reduces risk within a shorter timeframe than the other alternatives
- Is more easily implemented than the other alternatives
- Costs less than Alternative 4A and similar in cost to the other alternatives
- Is consistent with projected land uses

Table 6 summarized the comparison of each remedial alternative. Based on the information available at this time, the Navy, U.S. Environmental Protection Agency, and the San Francisco Bay Regional Water Quality Control Board believe that Alternative 2 would be protective of human health and the environment and would provide permanent solutions to the maximum extent practicable.

12.2 DESCRIPTION OF SELECTED REMEDY

Alternative 2 consists of sediment and soil excavation and off-site landfill disposal. The sediment or soil would not be treated before disposal. The major components of the selected remedy include:

- Excavating sediment where concentrations of chemicals of ecological concern exceed cleanup goals considered safe for birds such as the great blue heron and the black-necked stilt, which are considered the most sensitive ecological receptors likely to be present in the Northern Channel and related areas given site uses. Excavating soil where concentrations exceed the residential preliminary remediation goals (U.S. Environmental Protection Agency 2004).

- Transporting excavated sediments and soil off site to an appropriate disposal facility.

- Collecting confirmation samples in the excavated areas to ensure that sediment and soil exceeding the cleanup goals have been removed in accordance with the guidelines established in this Record of Decision.

- Restoring the site by (1) backfilling the excavated areas of the berms with clean soil (free from contaminants), (2) backfilling selected areas of the Northern Channel and associated ditches (as needed) to maintain the hydrologic conditions, and (3) revegetating berms with plants native to California.

The excavation will extend according to the following limits with the minimum excavation depths shown on Figure 8).

- Contaminated sediments from the entire length of the Northern Channel.

- Contaminated sediments from the entire length of the North Patrol Road Ditch.

- Contaminated sediments from approximately a 1,700-foot length of the Marriage Road Ditch.

- Contaminated sediments from the debris pile.

- Contaminated soil from (1) the western end of the Cargill and National Aeronautics and Space Administration berms adjacent to Building 191, and (2) the Lockheed berm near the eastern end of the Northern Channel.

Based on the analytical data from samples collected during the data gaps investigation, about 44,100 cubic yards of sediment or soil will be disposed of in a Class II (nonhazardous waste) landfill and about 21,500 cubic yards will be disposed of in a Class I (hazardous waste) landfill. Excavation and subsequent disposal or treatment is most cost-effectively accomplished if the Northern Channel and the ditches are dewatered. Dewatering first requires diversion of all flow from the Northern Channel. It is also recommended that the channel be dewatered in stages to maintain habitat for the western pond turtle. Once a section has been dewatered, the sediment will be sampled and characterized in accordance with federal and state requirements and disposed of appropriately.

After the channel is excavated, collection of confirmation samples from the excavation and visual identification of the clay layer in the excavation (where appropriate) will be used to confirm that the response action has been completed in compliance with this Record of Decision. Details of confirmation sampling will be provided in the remedial design.

The site will be restored when confirmation sampling indicates the remedial goals have been achieved. Clean soil brought on site as backfill will be similar to existing soil and will be transported in trucks in accordance with a transportation plan to be developed as part of the cleanup design. The berms will be regraded as needed.

Efforts will be made to obtain backfill soil that is generally free from noxious weeds. Wetland plant species will then be reintroduced, where necessary, based on a revegetation plan prepared as part of the cleanup design. Only the excavated berms will be revegetated. A trained wetlands biologist would be present to monitor all on-site construction.

12.3 SUMMARY OF COSTS FOR SELECTED REMEDY

Table 7 summarizes the estimated costs for the selected remedy. The information in Table 7 is based on the best available information regarding the anticipated scope of the remedial alternative. This engineering cost is an order-of-magnitude estimate that is expected to be within plus 50 to minus 30 percent of the actual project cost.

12.4 EXPECTED OUTCOMES OF SELECTED REMEDY

This alternative is expected to result in achieving the remedial action objective by permanently eliminating risks for both human and ecological receptors associated with contaminated sediment and soil at Site 27.

TABLE 7: COST ESTIMATE OF THE SELECTED REMEDY[a]

Record of Decision, Site 27 – Northern Channel, Former Naval Air Station Moffett Field, California

Description: Alternative 2: Excavation and Off-Site Disposal	Total Labor (including overhead and profit)	Total Equipment (including profit)	Total Material (including profit)	Total (including overhead and profit)
Distributive Costs	$675,304	$0	$170,500	$845,804
Temporary Facilities	$0	$0	$37,973	$37,973
Construction Oversight	$121,520	$0	$31,000	$152,520
Mobilization (< 50 miles)	$1,282	$2,586	$0	$3,868
Site Preparation	$87,180	$10,166	$116,399	$213,745
Water Diversion	$135,381	$54,012	$323,294	$512,687
Trench Dewatering (after diversion)	$63,294	$11,962	$0	$75,256
Sediment Sampling and Analysis for waste characterization (1 sample per 2,000 cubic yards ≥ 33 samples + 4 quality control samples)	$5,180	$0	$22,385	$27,565
Excavation	$134,743	$102,330	$0	$237,073
Hauling	$0	$0	$1,583,066	$1,583,066
Disposal	$0	$0	$1,660,325	$1,660,325
Confirmation sampling of channel and ditch bottoms	$14,000	$0	$45,100	$59,100
Site Restoration	$71,164	$45,443	$507,213	$623,820
Demobilization (< 50 miles)	$1,282	$2,586	$0	$3,868
			Construction Subtotal =	**$6,036,670**
Design Cost			**Design Cost Subtotal =**	**$724,400**
Assume 12 percent of construction cost (including remedial design, design basis report, health and safety plan, contingency plan, quality assurance and quality control plan, quality assurance project plan, and cost estimate)	$724,400			$724,400
			TOTAL PROJECT COST =	**$6,761,070**

Notes:

a More detail on the cost estimate can found in Appendix E of the final feasibility study for the Northern Channel (Tetra Tech EM Inc. 2003).

Source:

Tetra Tech EM Inc. 2003. “Northern Channel Feasibility Study(Site 27), Former Naval Air Station, Moffett Field, Santa Clara County, California.” November.

13.0 DOCUMENTATION OF SIGNIFICANT CHANGES

A public review and comment period for the Site 27 Proposed Plan was held from May 4, 2004, to June 4, 2004 (Navy 2004), with a public meeting held on May 20, 2004. The Navy reviewed all written and oral public comments submitted during the public comment period on the proposed plan. Based on this review, no significant changes were made to the preferred alternative or proposed plan for Site 27. Specific public comments and Navy responses to those comments are presented in the Responsiveness Summary, which is provided in Appendix B to this Record of Decision.

14.0 STATUTORY DETERMINATIONS

The following statutory determinations are provided to describe how the selected remedy satisfies the statutory requirements of the Comprehensive Environmental Response, Compensation, and Liability Act, Section 121 (as required by the National Oil and Hazardous Substances Pollution Contingency Plan, Section 300.430[f][5][ii]) and explains whether there is a need for the five-year review requirement for the selected remedy.

14.1 PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT

The overall remedial action objective is to limit the exposure of ecological receptors to chemicals of concern in sediment and soil in the Northern Channel, associated ditches, adjacent berms, and the debris pile near Building 191. Limiting the exposure in the selected remedy will involve removal and off-site disposal of sediment and soil that contain contaminants at levels that exceed cleanup goals established to protect ecological receptors. These cleanup goals are based on the protection of birds; however, they are also protective of human health because they are below protective human health applicable or relevant and appropriate requirements. No short-term threats are associated with the selected remedy that cannot be easily controlled. No cross-media impacts are expected from the remedy.

14.2 COMPLIANCE WITH APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Several chemical-, location-, and action-specific applicable or relevant and appropriate requirements apply to this remedial action involving excavation and off-site disposal of contaminated sediment and soil from the Northern Channel and related areas. The selected remedy complies with all of these chemical-, location-, and action-specific applicable or relevant and appropriate requirements. The primary controlling applicable or relevant and appropriate requirements for the remedial action relate to excavating contaminated sediments and soil in accordance with the Toxic Substances Control Act, the Resource Conservation and Recovery Act, and other requirements. Excavated sediment will be properly characterized and will be disposed of in accordance with the Resource Conservation and Recovery Act.

Appendix C provides a complete evaluation of applicable or relevant and appropriate requirements considered for this remedial action, and Section 10.2 and Tables 3, 4, and 5 summarized the requirements determined to be final applicable or relevant and appropriate requirements.

14.3 COST EFFECTIVENESS

The selected remedy meets the statutory requirement that all Superfund remedies be cost-effective. A cost-effective remedy is one whose “costs are proportional to its overall effectiveness” (National Oil and Hazardous Substances Pollution Contingency Plan Section 300.430[f][1][ii][D]). The overall effectiveness is determined by evaluating the following balancing criteria: long-term effectiveness and permanence; short-term effectiveness; and reduction in toxicity, mobility, and volume through treatment. The overall effectiveness is then compared to cost to determine whether the remedy is cost effective.

The first criteria, long-term effectiveness and permanence, focuses on whether a given alternative can maintain protection of human health and the environment over time. The selected remedy provides long-term effectiveness and permanence because the chemicals of ecological concern will be removed, thereby permanently eliminating risks associated with contaminated soil and sediment to both human health and ecological receptors. The selected alternative involves removing contaminated sediments to protective levels and replacing them with clean sediment or soil. The selected remedy also includes measures to limit the presence of sensitive ecological receptors such as the western pond turtle at the site during the remedial action.

The second criteria, short-term effectiveness, considers whether the length of time needed to implement a given alternative will potentially pose risks to workers, residents, and the environment during implementation. The selected alternative, because of the relatively short time period needed to complete the project, would be effective in minimizing negative effects on workers or the community. Although ecological receptors will be disrupted in the short-term because of the remedial action, this temporary disruption is unavoidable for any of the active remedial alternatives. Further, because contaminated sediments removed from the site will be handled minimally and stored for a shorter period relative to other alternatives, Alternative 2 provides the most favorable short-term effectiveness.

The third criteria, reduction of toxicity, mobility or volume through treatment, evaluates an alternative's use of treatment to reduce the harmful effects of principal contaminants, the contaminant's ability to move in the environment, and the amount of contamination present. The selected alternative, removal of contaminated sediments, reduces the volume at the site and the mobility of the contaminants over time by eliminating the potential for contaminant transport. Although there may be a temporary increase in mobility of contaminated sediments during the remedial action, this will lessen with time. Alternative 2 does not specifically reduce the toxicity of the sediment through treatment; however, the remedial action does result in a reduction in the overall toxicity of the sediment and soil at the site particularly since the contaminated areas will be backfilled with clean soil.

As discussed in Section 10.7, the estimated costs for the selected remedy (Alternative 2) are similar to the estimated costs for most of the other alternatives except Alternative 4A, which has a higher cost. However, Alternative 2 is a viable alternative that is cost effective when considering the balancing criteria components that comprise overall effectiveness: (1) long-term effectiveness and permanence; (2) short-term effectiveness; (3) reduction in toxicity, mobility, and volume through treatment; and (4) implementability.

14.4 USING PERMANENT SOLUTIONS AND ALTERNATIVE TREATMENT TECHNOLOGIES TO THE MAXIMUM EXTENT PRACTICABLE

The Navy, U.S. Environmental Protection Agency, and the San Francisco Bay Regional Water Quality Control Board have determined that the selected remedy (Alternative 2) represents the maximum extent to which permanent solutions and alternative treatment technologies can be used in a cost effective manner. Alternative 2 meets the overall remedial action objective—to limit exposure of ecological receptors to contaminated soil and sediments in the Northern Channel and related areas. By accomplishing this goal, the selected remedy is protective of human health and the environment and complies with applicable or relevant and appropriate requirements. The selected remedy also provides the best balance among the criteria of maximizing short-term effectiveness, long-term effectiveness and permanence, implementability, and cost. The selected remedy also provides a proven remediation strategy and is consistent with projected land uses. More detail on the rationale for selecting Alternative 2 can be found in Sections 10.0 and 12.1.

14.5 PREFERENCE FOR TREATMENT AS A PRINCIPAL ELEMENT

Because on-site treatment of the chemicals of ecological concern was not found practicable, this type of remedy does not satisfy the statutory preference for treatment as the principal element of the remedy. Uncertainty about the effectiveness of the proposed biotreatment techniques for the specific organic contaminants present at the site and the essentially “untreatable” nature of the metals preclude a remedy that could treat contaminants effectively. Therefore, it is concluded that reasonably available treatment technologies would not adequately reduce the toxicity level of the chemicals of ecological concern in sediment.

14.6 FIVE-YEAR REVIEW REQUIREMENTS

Five-year reviews are not required because in the selected remedy, chemicals will be removed to protective levels.

15.0 RESPONSIVENESS SUMMARY

The responsiveness summary contains the Navy's responses to public comments on the proposed plan received during the public comment period from May 4 to June 4, 2004, and during the public meeting held on May 20, 2004. These responses are included as Appendix B to this Record of Decision.

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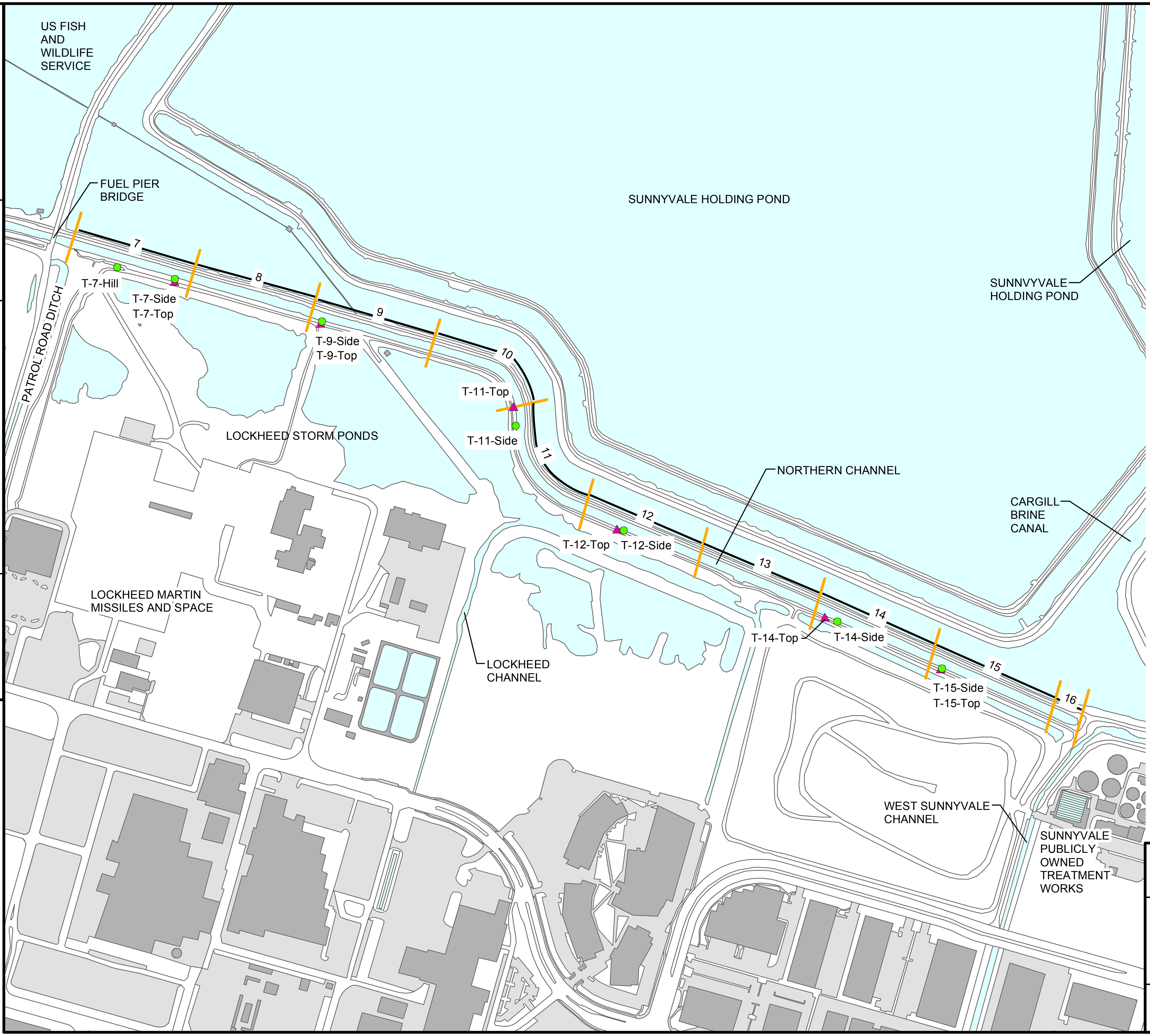
APPENDIX A
INDEX OF ADMINISTRATIVE RECORD FOR SITE 27, FORMER NAVAL AIR STATION MOFFETT FIELD

ATTACHMENT 1

FIGURE 1 LOCKHEED BERM SOIL SAMPLING LOCATION FORMER NAVAL AIR STATION MOFFETT FIELD, CALIFORNIA

(Source: Tetra Tech FW, Inc. 2005. "Technical Memorandum, Site 27 Northern Channel Berm Sampling, Former Naval Air Station Moffett Field, Moffett Field, California." January.)



LEGEND

●	SIDE SOIL SAMPLE LOCATION
▲	TOP SOIL SAMPLE LOCATION
╱╲╱	TRANSECT BOUNDARY
—15—	TRANSECT EXTENT AND NUMBER
T-12-TOP	TRANSECT NUMBER AND SAMPLE LOCATION
╱╲╱	ROAD
▭	PAVED SURFACE
▬	BUILDING
▭	WATER/WETLAND

N

250 0 250 500
Feet

Scale: 1" = 500'

DATUM: HORIZONTAL - NAD83, VERTICAL - NGVD29

BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
SAN DIEGO, CA

FIGURE 1

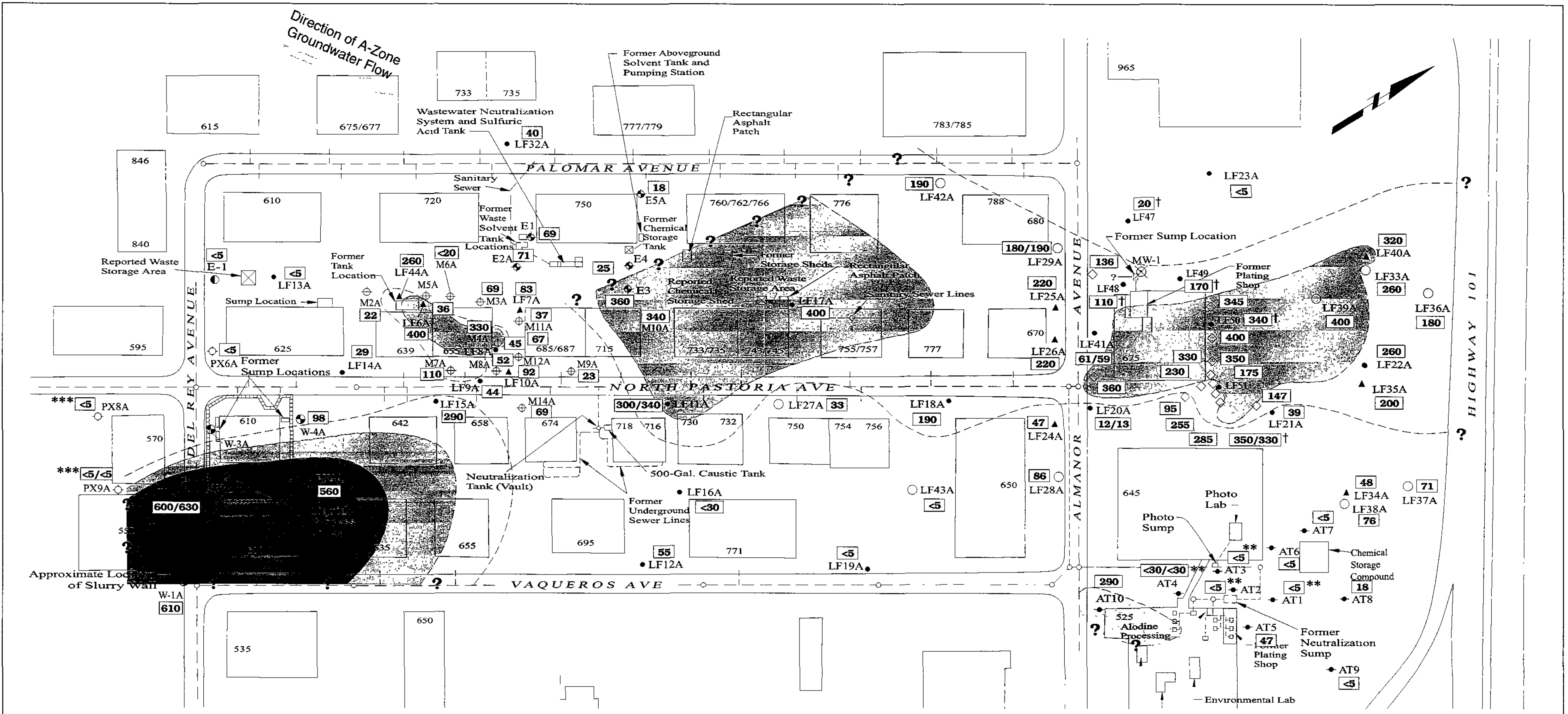
LOCKHEED BERM SOIL SAMPLING LOCATIONS

FORMER NAS MOFFETT FIELD
MOFFETT FIELD, CA

TETRA TECH FW, INC.

DRAWING NO:\ 050286L142.mxd
DCN: 05-0286
CTO-069
APPROVED BY:
CHECKED BY:
REVISION: 1
DRAWN BY: GFG
DATE: 1/14/05

G:\GIS\projects\moffett\gis_request\05-0286\arcgis\050286L142.mxd



EXPLANATION

E1 ◆	EXAR monitoring well
M1 ⊕	MICREL monitoring well
PX ◇	Xebec and Ventritex monitoring wells
AT •	Applied-Technology monitoring well
E ◐	EMCON monitoring well
MW ⊙	Beta Associates monitoring well
LF •	Levine•Fricke A-zone monitoring wells LF8,9,11-23
LF ▲	Levine•Fricke A-zone extraction wells LF6A, 7A, 10A, 24A, 25A, 26A, 34A, 35A, 40A, 44A
LF ○	Levine•Fricke A-zone piezometers LF27A, 28A, 29A, 33A, 36A, 37A, 38A, 39A, 42A, 43A
W ●	Geomatrix A-zone monitoring well
╳	Destroyed well
— - —	Sanitary sewer line
¦	Lateral line from property to sanitary sewer
◇	Grab groundwater sample collected during CPT investigation (October and December 1995).
230	Indicated values are the average of top 2 discrete sample zones. CPT ground-water data are presented on Figure 6A.
<30/<30	Duplicate analysis TCE concentration in parts per billion (ppb)
- -	Isoconcentration contour line (ppb)

Note: Well E4 sampled by Erler & Kalinowski, Inc., January 4, 1996.

** Data not used for contouring due to screening of A- and B-zones

*** Data not used for contouring - screen interval not known

☐	100 - 300 (ppb)
▨	300 - 500 (ppb)
■	> 500 (ppb)

† LF 47, 48, 49, 50, and 51 data collected April 1996.

CPT = Cone Penetration Test

MCL = maximum contaminant level, which is 5 ppb for TCE

ppb = parts per billion

TCE = trichloroethene

0 100 200 FEET

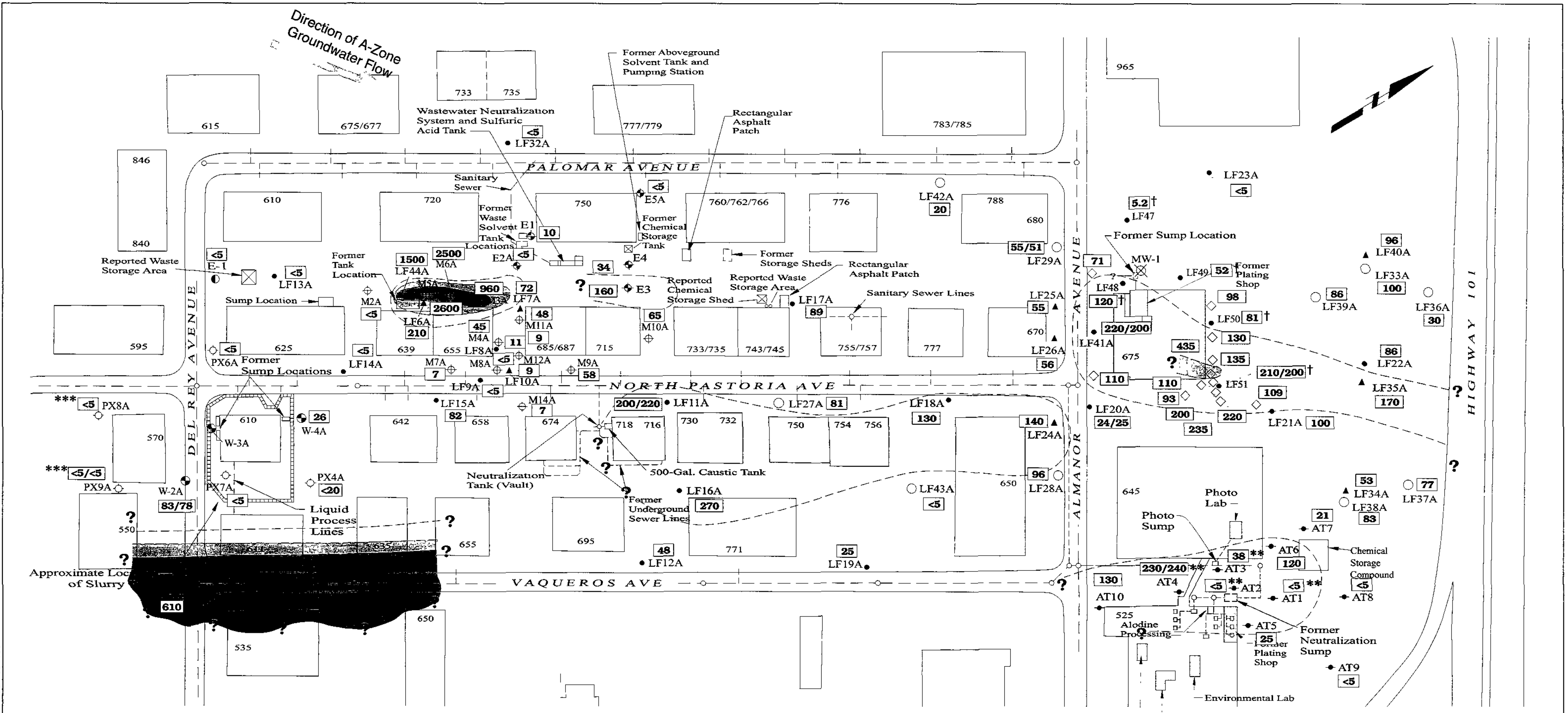
NP-AA Study Area
TCE Concentrations (ppb) and Isoconcentration Contours in A-Zone Groundwater, January/February 1996

Former Siemens Facility, Sunnyvale, California

LFR
LEVINE•FRICKE

Figure 3

DESIGN\001\01215\001\03\072\01215-NPAA-TCE-AZone-GW-Jan1996.cdr 051103



EXPLANATION

E1 ⊕	EXAR monitoring well
M1 ⊕	MICREL monitoring well
PX ◇	Xebec and Ventritex monitoring wells
AT ●	Applied-Technology monitoring well
E ◐	EMCON monitoring well
MW ⊙	Beta Associates monitoring well
LF ●	Levine•Fricke A-zone monitoring wells LF8,9,11-23
LF ▲	Levine•Fricke A-zone extraction wells LF6A, 7A, 10A, 24A, 25A, 26A, 34A, 35A, 40A, 44A
LF ○	Levine•Fricke A-zone piezometers LF27A, 28A, 29A, 33A, 36A, 37A, 38A, 39A, 42A, 43A
W ◑	Geomatrix A-zone monitoring well
×	Destroyed well
— — ┬ —	Sanitary sewer line
┆	Lateral line from property to
◇	Grab groundwater sample collected during CPT investigation (October and December 1995).
435	Indicated values are the average of top 2 discrete sample zones. CPT ground-water data are presented on Figure 6C.
230/240	Duplicate analysis cis-1,2-DCE concentration in parts per billion (ppb)
‒ ‒	Isoconcentration contour line (ppb)
☐	100 - 300 (ppb)
▨	300 - 500 (ppb)
■	> 500 (ppb)

Note: Well E4 sampled by Erler & Kalinowski, Inc., January 4, 1996.

** Data not used for contouring due to screening of A- and B-zones
*** Data not used for contouring - screen interval not known

† LF 47, 48, 49, 50, and 51 data collected April 1996.

Cis-1,2-DCE = Cis-1,2-dichloroethene
CPT = Cone Penetration Test
MCL = maximum contaminant level, which is 5 ppb for Cis-1,2-DCE
ppb = parts per billion

NP-AA Study Area Cis-1,2-DCE Concentrations (ppb) and Isoconcentration Contours in A-Zone Groundwater, January/February 1996

Former Siemens Facility, Sunnyvale, California

LFR
LEVINE•FRICKE

Figure 5

DESIGN\001\01215\03\072\01215-NPAA-CIS-AZone-GW-Jan1996.cdr 051103

0912 0216 T11WAMURA W/A
DJCHESTERMAN
ZADIAS
B SOLDIE

(also refer to Miscel. file)

Applied Technology (Litton Systems),
Sunnyvale.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

Operable Unit 1

ORDER NO. 94-___

SITE CLEANUP REQUIREMENTS FOR:

LITTON SYSTEMS, INC., APPLIED TECHNOLOGY DIVISION
PACIFIC PROPERTY VENTURES, L.P.,
PRUDENTIAL INSURANCE COMPANY OF AMERICA, AND
BANKAMERICA REALTY INVESTORS
FOR THE PROPERTIES LOCATED AT 525, 645, AND 675 ALMANOR AVENUE

OPERABLE UNIT 1
PASTORIA AVENUE/ALMANOR AVENUE STUDY AREA
SUNNYVALE, SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board) finds that:

1. Study Area and Operable Unit Locations and Descriptions

A Study Area containing numerous sources contributing to soil and groundwater pollution in Sunnyvale, California is shown in Figures 1 and 2. The Study Area is located in an area of low to flat relief about four miles south of San Francisco Bay. The Study Area is dominated by low rise industrial buildings common in the electronics industry of Santa Clara County. The majority of these buildings were constructed in the late 1960s and early 1970s. Mixed commercial and light industrial land uses are also common in the area immediately surrounding the Study Area.

Based upon the amount of investigation and/or remediation, geography, geologic, and hydrogeologic conditions, the Study Area has been divided into Operable Units 1, 2, and 3 (OU1, OU2, and OU3) as shown in Figure 2. OU1 comprises the northern portion of the Study Area, OU2 comprises the central portion, and OU3 comprises the southern portion of the Study Area. While some groundwater pollution has commingled between the three operable units, the units appear to have separate source areas of soil and groundwater pollution.

Each operable unit is in a different phase of pollution investigation and/or remediation. Some soil and groundwater pollution investigations have been conducted that identify discharges of pollutants to groundwater in OU1, but there are substantial data gaps in this area. OU2 pollution investigations and remediation is addresed in a separate order. Some dischargers in OU2 have completed soil and groundwater pollution investigations and have conducted interim remediation of the soils and groundwater at various locations in this area. OU1 pollution investigation and remediation is the subject of this order.

To date, remedial investigations in OU3 have been limited. Some of the property owners and/or facility operators in OU3 will be required to conduct soil and groundwater investigations as necessary to identify the source(s) of soil and groundwater pollution within OU3. The investigations in OU3 will be initially required pursuant to California Water Code Section 13267. Based on the results of these investigations, completion of OU3 investigation and remediation may be addressed in a future order.

2. Sources of Soil and/or Groundwater Pollution Identified and Interim Remedial Actions Conducted in the Study Area

Several environmental investigations have been conducted in the Study Area that have identified source areas and/or hot spots in soil and groundwater. The most extensive environmental investigations were conducted under Order No. 86-031 for the Micrel/Litronix site. This Order, dated April 16, 1986, identified Micrel, Inc., Litronix, Inc., and Pastoria Limited Partnership as dischargers responsible for remediation of soil pollution at and groundwater pollution at and emanating from the Micrel/Litronix site. The Micrel/Litronix site is located at 639 North Pastoria Avenue, which is in OU2. During the period between 1986 and the present, the dischargers identified in Order No. 86-031 conducted investigations of soil and groundwater pollution at the Micrel/Litronix site and in the Study Area.

During remedial investigations, Micrel/Litronix identified and partially defined several source areas and/or hot spots in soil and groundwater in the Study Area. Micrel/Litronix initiated interim remedial measures of the chemically affected soil and groundwater identified and defined in the vicinity of the Micrel/Litronix site. In addition, Micrel/Litronix initiated interim groundwater remediation in downgradient portions of the Study Area (south and north of Almanor Avenue). Although recent curtailment of interim groundwater remediation (extraction and treatment) has occurred in OU1, the Board requires in this Order that OU1 dischargers initiate groundwater remedial measures.

Additional field work is necessary in OU1 to define the groundwater pollution plumes in OU1 and to determine the extent, if any, to which these pollution plumes may be commingled with the plume(s) originating from facilities in OU2 and/or OU3.

The necessity for additional field work in OU1 renders the boundaries of the Study Area and the boundaries of individual operable units inexact because additional information generated from the field work may alter these boundaries. Nevertheless, it is the Board's intent that the boundaries of the operable units be defined such that, at this time, commingling notwithstanding, facilities located in OU1 are largely responsible for soil and groundwater pollution in OU1, facilities located in OU2 are largely responsible for soil and groundwater pollution in OU2, and facilities located in OU3 are largely responsible for soil and groundwater pollution in OU3. Once investigations are complete, the responsibility of the commingled plumes may be determined.

As additional information is generated for OU1 and the Study Area, the Board may modify the boundaries of the Operable Unit, subunits, and/or the list of dischargers named in this Order if additional information justifies such modification.

3. **Regulatory Status of Operable Unit 1** This Order requires the collection of information necessary to determine the nature and extent of chemically-impacted soil and groundwater and the remedial measures necessary to remediate soil and groundwater pollution in OU1. This Order also requires interim groundwater containment and cleanup measures that are necessary to alleviate the threat to water quality and the environment posed by the continued migration of pollutants and to provide a substantive technical basis for designing and evaluating the effectiveness of final cleanup alternatives. The Board will adopt the final Remedial Action Plan for OU1 after the remedial investigations have been completed and after feasibility studies have been prepared for remediation of soil and groundwater in OU1.

This Order distinguishes between primary dischargers, which include entities that either discharged pollutants to soil and groundwater in OU1 and/or have successor liability for such discharges, and secondary dischargers, which include entities identified because of their ownership and control of property within OU1 upon which discharges have occurred. The primary dischargers shall comply immediately with the applicable requirements of this Order. The secondary dischargers shall comply with the applicable requirements of this Order only in the event that the primary discharger fails to comply with the applicable requirements. In the event that a primary discharger fails to comply with an applicable requirement of this Order, the Board will order the secondary discharger to comply with that requirement within 60 days after receiving written notice from the Board staff of noncompliance by the primary discharger.

4. **Geology and Hydrogeology**

The geology and hydrogeologic data provided in this section has primarily been developed during investigations conducted under Order No. 86-031. The Study Area is underlain by unconsolidated sedimentary deposits of clay, silt, sand, and gravel. These deposits have been subdivided into several water-bearing zones. The shallowest water-bearing zone has been identified throughout the Study Area, whereas the intermediate and deeper water-bearing zones have only been identified in the OU2 vicinity of 655 through 733 North Pastoria Avenue. These water-bearing zones are separated by saturated zones of relatively lower permeability (aquitards).

The shallow water-bearing zone has been designated the A zone and extends from approximately 7 to 30 feet below the ground surface. The intermediate water-bearing zone has been designated the B zone and extends from approximately 40 to 50 feet below ground service. Several deeper-water bearing zones have been identified below the B zone within the depth interval of 50 feet to 100 feet below ground surface. Discontinuous sand and gravel permeable intervals of varying thickness occur within these zones.

The groundwater gradient within the A zone is generally in a north-northeasterly direction in the Study Area. The potentiometric surface in this zone ranges from 7 to 15 feet below the ground surface in the Study Area. In the vicinity of 655 through 733 North Pastoria Avenue, the B zone groundwater gradient is in a general easterly direction.

There is currently an upward gradient between the deeper water-bearing zones and the shallower A and B zones. Additional remedial investigations conducted under this Order will provide for further information and evaluation of the geologic and hydrogeologic conditions at each subunit.

5. Operable Unit 1 Soil and Groundwater Pollution and Dischargers

This finding describes the boundary, site history, soil and/or groundwater pollution and the dischargers for OU1.

Operable Unit 1, Boundary As shown in Figure 3, OU1 includes the properties located at 525, 645, and 675 Almanor Avenue. The southern boundary of the operable unit is the centerline of Almanor Avenue. The east, west and northern boundaries of OU1 (i.e., in lateral and downgradient groundwater flow directions) will be further defined during remedial investigations as the extent of the groundwater pollution is determined.

Operable Unit 1 Site History The properties located at 525, 645 and 675 Almanor Avenue are occupied by one- and two-story concrete tilt-up buildings surrounded by asphalt parking lots and landscaping. Land use in the immediate area is almost exclusively light industrial. Within an approximate 1-mile radius, land use is primarily industrial and commercial.

Bankamerica Realty Investors has owned the property located at 525 Almanor Avenue, Sunnyvale, Santa Clara County (Figure 3) since 1971. Prior owners include Valley Title Company. The property located at 525 Almanor Avenue has been developed with the construction of a concrete tilt-up building.

Prudential Insurance Company of America (Prudential) has owned the property located at 645 Almanor Avenue, Sunnyvale, Santa Clara County (Figure 3) since 1978. Prior owners include Frank J. Siri, Richard T. Perry, John Arrillaga, Richard T. Perry Trust, and John Arrillaga Trust. The property located at 645 Almanor Avenue has been developed with the construction of a concrete tilt-up building.

Pacific Property Ventures, L.P., has owned the property located at 675 Almanor Avenue, Sunnyvale, Santa Clara County (Figure 3) since 1989. Prior owners include Almanor, Ltd., Starker Services Inc., Timothy H. Harris, Lynne H. Harris, David M. Denholm and Nicole L. Denholm, Prudential, and Perry Investment Company, Inc., Productive Development Company, Inc., and Frank J. Siri. The property at 675 Almanor Avenue was developed with the construction of a concrete tilt-up building in 1968.

Applied Technology occupied the building at 675 Almanor Avenue from 1972 until 1978 and utilized the site for electronics manufacturing, including photo fabrication, a strip line, chem-met laboratories, a clean assembly room, and a plating shop. Applied Technology operated and maintained a 1,000-gallon underground sump and an underground plumbing network that connected sinks, floor drains, and floor sinks located in the building to the underground sump. Among other materials, Applied Technology utilized the following volatile organic compounds (VOCs) in its manufacturing operations at 675 Almanor Avenue: tetrachloroethylene (PCE), trichloroethylene (TCE), and Freon 113.

Applied Technology also occupied the buildings located at 645 and 525 Almanor Avenue until 1987 and utilized the properties for electronics manufacturing operations. In 1977, Applied Technology moved the plating shop from the building located at 675 Almanor Avenue to the building at 525 Almanor Avenue. Other operations at these properties included a photographic laboratory, a sputtering laboratory, and a chemistry laboratory. Applied Technology operated and maintained an underground waste water dilution tank, an underground acid neutralization tank, and an underground plumbing network that connected these facilities to the sewer and process areas within the buildings located at 525 and 645 Almanor Avenue. Among other materials, Applied Technology utilized the following VOCs in its manufacturing operations at 525 and 645 Almanor Avenue: PCE, TCE, 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethylene (1,1-DCE), 1,2-dichloroethylene (1,2-DCE), ethylbenzene, toluene, acetone, and Freon 113.

Operable Unit 1 Soil Pollution Chemically affected soils were found in OU1 during a soil-gas survey conducted by Litronix/Micrel and during investigations conducted by Applied Technology at 525 and 645 Almanor Avenue. The soil-gas survey identified TCE at a maximum concentration of 140 μg/l in a soil-gas sample taken adjacent to the location of the former sump at 675 Almanor Avenue. PCE was found at a maximum soil-gas concentration of 110 μg/l in the northwest corner of the 675 Almanor Avenue property boundary. No soil investigations have been conducted beneath the buildings located at 525, 645, or 675 Almanor Avenue or adjacent to appurtenant piping.

Operable Unit 1 Groundwater Pollution Pollutants found in A-zone groundwater samples include TCE, PCE, 1,1,1-TCA, 1,1-DCE, 1,2-DCE, and Freon 113. Groundwater samples obtained from monitoring wells in OU1 contain and have historically contained concentrations of TCE and PCE that are significantly higher than concentrations upgradient from OU1. A hydrogeologic site investigation conducted by Applied Technology in 1988 also identified maximum concentrations of TCE at 260 ppb, 1,2-DCE at 270 ppb, 1,1,1-TCA at 16 ppb, and Freon 113 at 22 ppb in groundwater at the properties located at 525 and 645 Almanor Avenue these concentrations were higher than concentrations upgradient from OU1. These groundwater data establish that source areas exist in the vicinity of the buildings located at 525, 645, and 675 Almanor Avenue.

It has not been determined whether groundwater pollution detected at OU1 is the result of 1) surface releases, 2) releases from underground facilities or piping, or 3) both surface releases and releases from underground facilities.

Operable Unit 1 Dischargers The Board finds Litton Systems, Inc., Applied Technology Division as the primary discharger because of its operation of facilities on the properties located at 525, 645, and 675 Almanor Avenue during the time when chemical discharges occurred, and because of their use of chemicals that are found at elevated concentrations in soil and groundwater at these sites. The Board finds Pacific Property Ventures, L.P., Prudential Insurance Company of America, and the Bankamerica Realty Investors as secondary dischargers because of their ownership and control of property within OU1 upon which discharges have occurred.

The primary discharger, Litton Systems Inc., Applied Technology Division, shall comply immediately with the requirements of this Order. The secondary dischargers shall comply with the requirements of this Order only in the event that the primary discharger fails to comply with the requirements of this Order. In the event that Applied Technology fails to comply with a requirement of this Order, the Board will order the secondary dischargers to comply with the requirements of this Order within 60 days after receiving written notice from Board staff of non-compliance by the primary discharger.

6. **Scope of this Order** The intent of this Order is to prescribe a time schedule to completely define the source and extent of pollution in Operable Unit 1, to evaluate final remedial action alternatives for OU1, and to prepare a proposed Remedial Action Plan for OU1.

7. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on December 17, 1986 and subsequently amended it. This Order implements the water quality objectives for South San Francisco Bay and contiguous surface and groundwaters.

8. The Board adopted Resolution No. 89-39 "Incorporation of 'Sources of Drinking Water' Policy into the Water Quality Control Plan" on March 15, 1989. This policy defines groundwater as suitable or potentially suitable for municipal or domestic water supply as that which 1) has a total dissolved solids content of less than 3,000 milligrams per liter (mg/l), and 2) is capable of providing sufficient water to supply a single well with at least 200 gallons a day. The groundwater underlying and adjacent to OU1 falls within this category.

9. The existing and potential beneficial uses of the Sunnyvale West Channel and/or South San Francisco Bay are:

a. Water contact recreation;
b. Non-contact water recreation;
c. Wildlife Habitat;
d. Preservation of Rare and Endangered Species;
e. Estuarine Habitat;
f. Fish migration and spawning;
g. Industrial service supply;
h. Navigation; and,
i. Commercial and Sport Fishing.

10. The existing and potential beneficial uses of the groundwater underlying and adjacent to the OU1 include:

a. Industrial process water supply;
b. Industrial service supply;
c. Municipal and domestic supply; and,
d. Agricultural supply.

11. The discharger(s) have caused or permitted, and threaten to cause or permit, waste to be discharged or deposited where it is or probably will be discharged to waters of the State and creates or threatens to create a condition of pollution or nuisance.

12. This action is an order to enforce the laws and regulations administered by the Board. This action is categorically exempt from the provisions of the CEQA pursuant to Section 15321 of the Resources Agency Guidelines.

13. Pursuant to Section 13304 of the Water Code, the dischargers are hereby notified that the Board is entitled to, and may seek reimbursement for, all reasonable costs actually incurred by the Board to investigate unauthorized discharges of waste and to oversee cleanup of such waste, abatement of the effects thereof, or other remedial action, required by this Order.

14. The Board has notified the dischargers and interested agencies and persons of its intent under California Water Code Section 13304 to prescribe Site Cleanup Requirements for the discharge and has provided them with the opportunity for a public hearing and an opportunity to submit their written views and recommendations.

15. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, pursuant to Section 13304 of the California Water Code, that the dischargers, their agents and assigns or successors, shall cleanup and abate the effects described in the above findings as follows:

A. PROHIBITIONS

1. The discharge of wastes or hazardous materials in a manner which will degrade water quality or adversely affect the beneficial uses of the waters of the State is prohibited.

2. Further significant migration of pollutants through subsurface transport to waters of the State is prohibited.

3. Activities associated with the subsurface investigation and cleanup which will cause significant adverse migration of the pollutants are prohibited.

B. SPECIFICATIONS

1. The storage, handling, treatment or disposal of polluted soil or groundwater shall not create a nuisance as defined in Section 13050(m) of the California Water Code.

2. The dischargers shall conduct monitoring activities as needed to define the current local hydrogeologic conditions, and the lateral and vertical extent of groundwater pollution. Should monitoring results show evidence of plume migration, additional plume characterization may be required.

3. Groundwater cleanup standards shall be in accordance with State Water Resources Control Board Resolution No. 68-16, "Statement of Policy with Respect to Maintaining High Quality of Waters in California". Cleanup standards shall not exceed: a) the Federal or State Primary or Secondary Maximum Contaminant Level (MCL) or State Action Level (AL), whichever is more restrictive. If an MCL or AL has not been promulgated, the cleanup standard shall be based on the best available operable unit- and chemical-specific health information and shall be protective of human health and the environment.

4. The unsaturated soil cleanup standard shall be 1 ppm for total VOCs. This cleanup standard may be modified by the Board if the discharger is able to demonstrate, with operable unit-specific data, that higher levels of VOCs in the soil will not threaten the quality of waters of the State and that human health and the environment are protected.

C. PROVISIONS

1. The discharger shall comply with all Prohibitions and Specifications immediately, except as modified in accordance with the following time schedule and tasks:

   a) **COMPLETION DATE: November 1, 1994**

   TASK: **REMEDIAL INVESTIGATION WORKPLAN** Submit a comprehensive workplan acceptable to the Executive Officer which evaluates site and chemical use history, previous technical data and includes a workplan for additional soil and groundwater investigation in order to define completely the sources and extent of pollution within OU1. The workplan must include reconnaissance vadose-zone sampling (e.g., a soil-gas survey) on the properties at 525, 645, and 675 Almanor Avenue, including the areas beneath any buildings, waste handling facilities, appurtenant piping, storm and sanitary sewer drainage, and other facilities. The workplan must be accompanied by the following supporting plans: a field sampling plan (which consists of a Quality Assurance Plan, a Sampling and Analysis Plan, and a Health and Safety Plan).

   b) **COMPLETION DATE: November 15, 1994**

   TASK: **INTERIM GROUNDWATER REMEDIAL ACTIONS WORKPLAN** Submit a comprehensive workplan acceptable to the Executive Officer for interim containment and remediation of groundwater in OU1. The remedial measures proposed in the workplan must alleviate the threat to the environment posed by the continued migration of pollutants within OU1. The workplan must include a time schedule necessary to implement the proposed interim remedial measures and provide for submission of a start-up report.

c) **COMPLETION DATE: March 1, 1995**

TASK: COMPLETION OF REMEDIAL INVESTIGATIONS REPORT Submit a technical report acceptable to the Executive Officer documenting implementation and containing the results of the remedial investigation conducted pursuant to the workplan identified in Provision C.1.a. The report should include but not necessarily be limited to; documentation of the occurrence of field investigations performed pursuant to the Remedial Investigation Workplan, including information regarding the results of the investigations performed, such as sampling locations, boring logs, cross sections, chemical data tables and figures, isoconcentration maps, and laboratory analytical reports. In addition, this report should include an evaluation of the existing operable unit boundary, proposed revision of the boundary (to incorporate hot spots defined in soil and groundwater and to define the lateral and vertical extent of chemical-affected groundwater), if necessary, and identification of additional investigations to be conducted prior to the feasibility study and remedial action (Task C.1.d). A time schedule necessary to complete these investigations prior to the completion of Task C.1.d must be provided.

d) **COMPLETION DATE: June 1, 1995**

TASK: COMPLETION OF FEASIBILITY STUDY REPORT AND PROPOSED REMEDIAL ACTION PLAN Submit a technical report acceptable to the Executive Officer, based on the results of the remedial investigation submitted for Provision C.1.c., containing the feasibility study and proposed remedial action plan. This technical report shall include 1) proposed soil and groundwater cleanup standards based on Specifications B.3. and B.4., 2) a feasibility study evaluating alternative final remedial actions and the proposed remedial actions necessary to achieve the proposed cleanup standards, and 3) the time schedule necessary to implement the proposed final remedial actions.

e) **COMPLETION DATE:** 60 days after implementation in accordance with the schedule of Provision C.1.d.

TASK: COMPLETE IMPLEMENTATION OF FINAL CLEANUP ACTIONS

Submit a technical report acceptable to the Executive Officer documenting the implementation of final cleanup actions.

f) **COMPLETION DATE:** five years after completion of Provision C.1.e.

TASK: EVALUATION OF REMEDIAL ACTIONS (OPERABLE UNIT 1)

Submit a technical report acceptable to the Executive Officer that contains the following: 1) results of any investigative work completed, 2) an evaluation of the effectiveness of installed final cleanup measures, 3) additional recommended measures to achieve final cleanup objectives, if necessary, 4) a comparison of previous expected costs with the costs incurred and projected costs necessary to achieve cleanup objectives, 5) tasks and time schedule necessary to implement any additional cleanup measures, 6) recommended measures for reducing Board oversight.

2. Technical reports evaluating proposed final remedial actions shall include a projection of the cost, effectiveness, benefits and impact on public health, welfare, and environment of each alternative action. The remedial investigation and feasibility study should consider Subpart F of the National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR Part 300 et seq.); Superfund Amendments and Reauthorization Act of 1986; CERCLA/SARA guidance documents with reference to Remedial Investigations and Feasibility Studies and Removal Actions; and both the State Water Resources Control Board's Resolution No. 68-16, "Statement of Policy with Respect to Maintaining High Quality of Waters in California" and Resolution No. 92-49, "Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304".

3. Any proposal for the discharge of extracted groundwater shall initially consider the feasibility of reclamation, reuse, or discharge to a publicly owned treatment works (POTW), as specified in Board Resolution No. 88-160. If it can be demonstrated that reclamation, reuse, or discharge to a POTW is technically and economically unfeasible, a proposal for discharge to surface water shall be considered. Such proposal for discharge to surface water shall include the above demonstration and a completed application for an NPDES permit.

4. If the discharger is delayed, interrupted or prevented from meeting one or more of the completion dates specified in this Order, the discharger shall promptly notify the Executive Officer. In the event of such delays, the Board may consider modification of the task completion dates established in this Order.

5. The discharger shall submit to the Board acceptable self monitoring program reports containing results of work performed according to a program approved by the Executive Officer.

6. The self monitoring program reports shall also summarize the status of compliance with the Prohibitions, Specifications, and Provisions of this Order and shall be submitted quarterly to the Board, according to the schedule below, commencing with the report for the Fourth quarter, due February 15, 1995.

Quarter	1st quarter	2nd quarter	3rd quarter	4th quarter
Period	January - March	April - June	July - Sept.	Oct. - Dec.
Due Date	May 15	August 15	November 15	February 15

The schedule for water level measurements and groundwater monitoring and analysis is included in Tables 1 & 2, Part B of the Self Monitoring Program.

The self monitoring program reports shall include, but not necessarily be limited to:

a. a summary of work completed since the previous quarterly report,

b. appropriately scaled and labeled maps showing the location of all monitoring wells, extraction wells, and existing structures,

c. updated water table and potentiometric surface maps for all affected water bearing zones, or alternatively, isoconcentration maps for key contaminants in all affected water bearing zones,

d. a cumulative tabulation of all well construction data, groundwater levels and chemical analysis results for site monitoring wells in the Self Monitoring Program approved by the Executive Officer.

e. a cumulative tabulation of volume of extracted groundwater and chemical analysis for all site groundwater extraction wells,

f. identification of potential problems which will cause or threaten to cause noncompliance with this Order and what actions are being taken or planned to prevent these obstacles from resulting in noncompliance with this Order, and

g. in the event of noncompliance with the Provisions and Specifications of this Order, the report shall include written justification for noncompliance and proposed actions to achieve compliance.

7. Technical reports on compliance with the Prohibitions, Specifications, and Provisions of this Order shall be submitted monthly by the 15th of the following month to the Board. These reports shall consist of a brief letter report that:

   a. summarizes work completed since submittal of the previous report, and work projected to be completed by the time of the next report,

   b. identifies any obstacles which may threaten compliance with the task completion schedule in this Order and what actions are being taken to overcome these obstacles, and

   c. includes, in the event of non-compliance with the Prohibitions, Provisions, and Specifications of this Order, written notification which clarifies the reasons for non-compliance and which proposes specific measures and a schedule to achieve compliance. This written notification shall identify work not completed that was projected for completion, and shall identify the impact of non-compliance on achieving compliance with the remaining requirements of this Order.

   During those months when the self monitoring program reports will be submitted, as described in Provision C.6., these technical reports may be submitted and combined with the self monitoring reports.

8. By January 31 of each year the Discharger shall submit an annual report to the Board covering the previous calendar year. These reports shall consist of a brief letter report that contains:

   a. Tabular and graphical summaries of the monitoring data obtained during the previous year;

   b. A comprehensive discussion of the compliance record, and the corrective actions taken or planned which may be needed to bring the Discharger into full compliance with the Site Cleanup Requirements; and,

   c. A written summary of the groundwater analyses indicating any change in the quality of the groundwater.

   During those months when the self monitoring program reports, as described in Provision C.6., and the technical reports, as described in Provision C.7. will be submitted, these annual reports may be submitted and combined with either the self monitoring program report or the technical report or a combination thereof.

9. All hydrogeological plans, specifications, reports, and documents shall be signed by or stamped with the seal of a registered geologist, certified engineering geologist or professional engineer.

10. All samples shall be analyzed by State certified laboratories or laboratories accepted by the Board using approved EPA methods for the type of analysis to be performed. All laboratories shall maintain quality assurance/quality control records for Board review.

11. The discharger shall maintain in good working order, and operate, as efficiently as possible, any facility or control system installed to achieve compliance with the requirements of this Order.

12. Copies of all correspondence, reports, and documents pertaining to compliance with the Prohibitions, Specifications, and Provisions of this Order, shall be provided to the following agencies:

a. Santa Clara Valley Water District
b. Santa Clara County Department of Environmental Health
c. City of Sunnyvale Department of Public Safety

The Executive Officer may additionally require copies to be provided to the California Environmental Protection Agency - Department of Toxic Substances Control, the U.S. Environmental Protection Agency, Region IX, and/or a local repository for public use.

13. The dischargers shall permit the Board or its authorized representatives, in accordance with Section 13267(c) of the California Water Code:

a. Entry upon premises in which any pollution sources exist, or may potentially exist, or in which any required records are kept, which are relevant to this Order.

b. Access to copy any records required to be kept under the terms and conditions of this Order.

c. Inspection of any monitoring equipment or methodology implemented in response to this Order.

d. Sampling of any groundwater or soil which is accessible, or may become accessible, as part of any investigation or remedial action program undertaken by the dischargers.

14. The Pacific Property Ventures, L.P., Prudential Insurance Company of America and the Bankamerica Realty Investors shall file a report on any changes in site ownership associated with the properties located at 675, 645 and 525 Almanor Avenue, respectively.

15. If any hazardous substance is discharged in or on any waters of the State, or discharged and deposited where it is, or probably will be discharged in or on any waters of the State, the dischargers shall report such a discharge to this Board, at (510) 286-1255 on weekdays during office hours from 8 a.m. to 5 p.m., and to the Office of Emergency Services at (800) 852-7550 during non-office hours. A written report shall be filed with the Board within five (5) working days and shall contain information relative to: the nature of waste or pollutant, quantity involved, duration of incident, cause of spill, Spill Prevention Control and Countermeasure Plan (SPCC) in effect, if any, estimated size of affected area, nature of effects, corrective measures that have been taken or planned, and a schedule of these activities, and persons notified.

16. The dischargers shall be liable, pursuant to Section 13304 of the Water Code, to the Board for all reasonable costs actually incurred by the Board to investigate unauthorized discharges of waste and to oversee cleanup of such waste, abatement of the effects thereof, or other remedial action, required by this Order. If the sites addressed by this Order are enrolled in a State Board-managed reimbursement program, reimbursement shall be made pursuant to this Order and according to procedures established in that program. Any disputes raised by the dischargers over the reimbursement amounts or methods used in that program shall be consistent with the dispute resolution procedures of that program.

17. The Board will review this Order periodically and may revise the requirements when necessary.

I, Steven R. Ritchie, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on month day, year.

Steven R. Ritchie
Executive Officer

Attachments:

- Figure 1. Site Vicinity Map
- Figure 2. Study Area Map - Operable Units 1, 2, and 3 (OU1, OU2, OU3)
- Figure 3. Site Plan for Operable Unit 1
- Self Monitoring Program

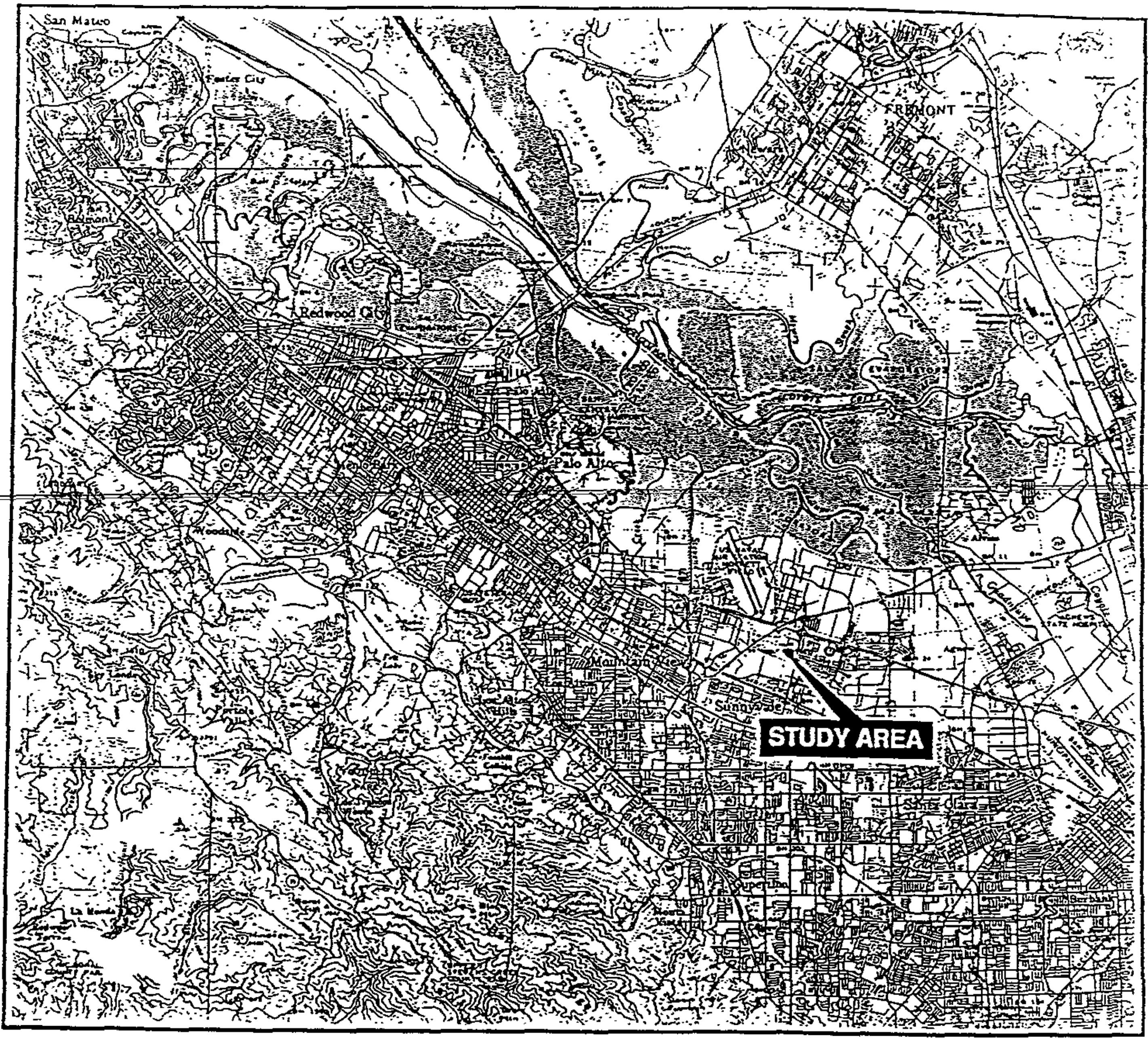


Figure 1: SITE VICINITY MAP

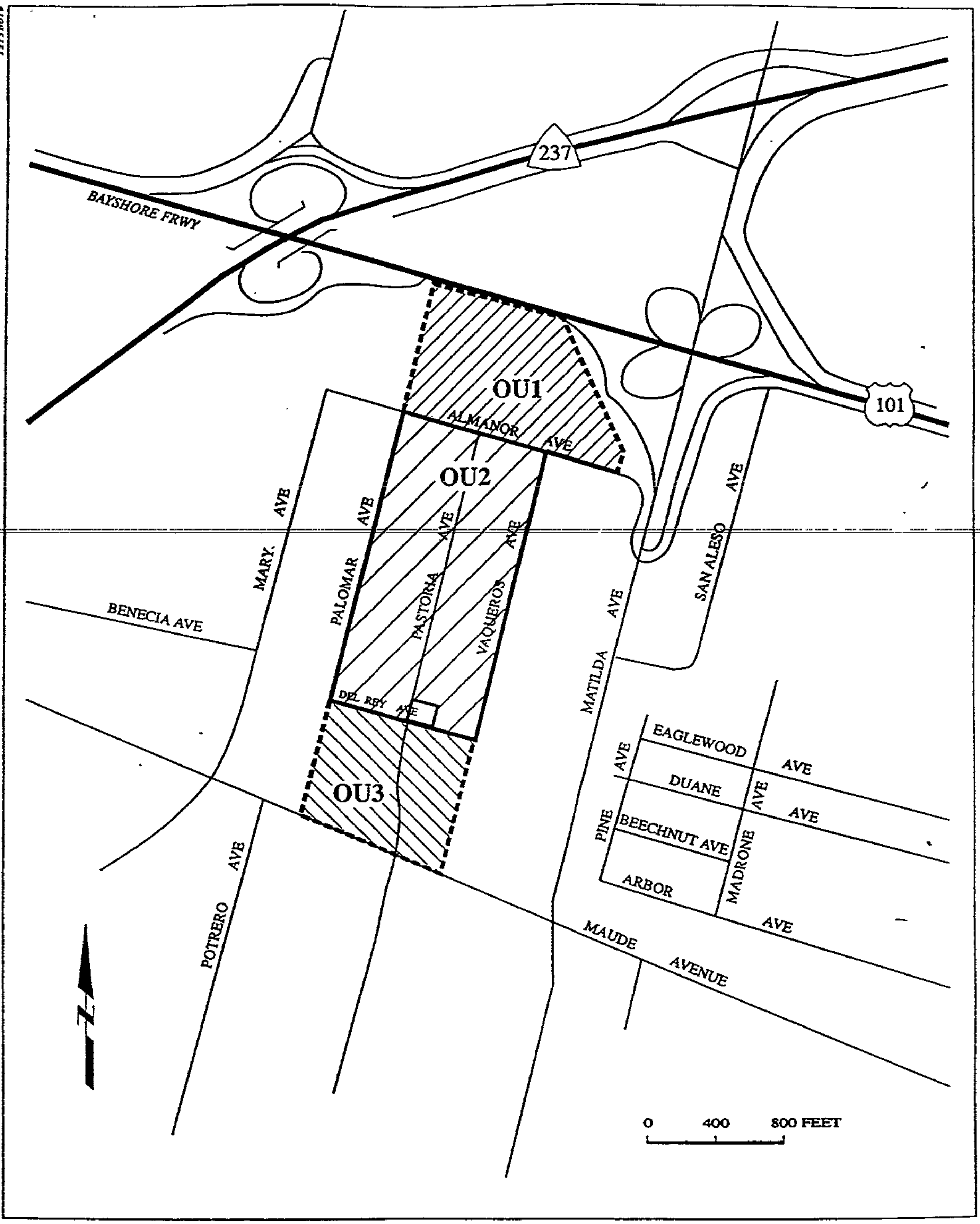


Figure 2 : STUDY AREA MAP - OPERABLE UNITS 1, 2, AND 3 (OU1, OU2, OU3)

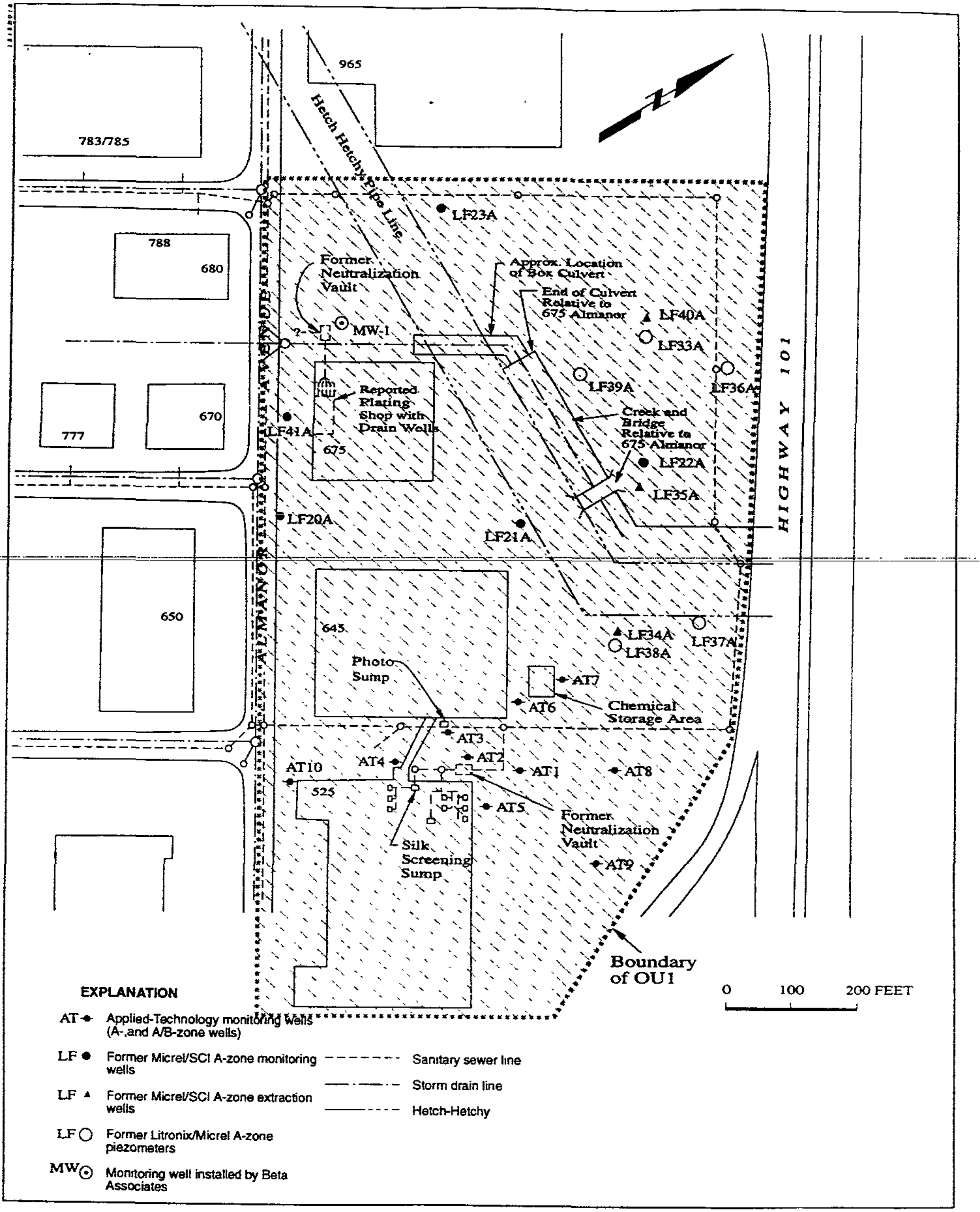

965
783/785
Hetch Hetchy Pipe Line
ALMANOR AVENUE
LF23A
788
680
Former Neutralization Vault
Approx. Location of Box Culvert
End of Culvert Relative to 675 Almanor
LF40A
MW-1
LF33A
LF39A
LF36A
Reported Plating Shop with Drain Wells
670
777
LF41A
675
Creek and Bridge Relative to 675 Almanor
LF22A
LF35A
HIGHWAY 101
LF20A
LF21A
650
645
LF34A
LF38A
LF37A
Photo Sump
AT7
AT6
Chemical Storage Area
AT3
AT4
AT2
AT10
AT1
AT8
525
AT5
Former Neutralization Vault
Silk Screening Sump
AT9
Boundary of OU1
0
100
200 FEET
EXPLANATION
AT Applied-Technology monitoring wells (A-,and A/B-zone wells)
LF Former Micrel/SCI A-zone monitoring wells
LF Former Micrel/SCI A-zone extraction wells
LF Former Litronix/Micrel A-zone piezometers
MW Monitoring well installed by Beta Associates
Sanitary sewer line
Storm drain line
Hetch-Hetchy

Figure 3 : OPERABLE UNIT 1 SITE PLAN (OU1)

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31 January 2006

FEB 0 8 2006
SANTA [illegible]
WATER DISTRICT

George Cook
Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118

RE: *Electronic Reports*
Locus Project Nos. 99014-06,99015-06

Mr. Cook:

For your FTP library, the enclosed CD contains electronic copies of four quarterly NPDES Discharge Reports and four Annual Groundwater Monitoring Reports submitted on behalf of Philips Semiconductors on 30 January 2005. The PDF documents are unprotected, but please make sure they are secured before being made available on the FTP site.

Sincerely,

Rashmi H. Ramachandra
Assistant Project Engineer

RHR/mmm

enclosure

Report

Annual Groundwater Monitoring Report January to December 2005

The Companies Offsite Operable Unit Sunnyvale, California

Prepared for:

Philips Semiconductors
1109 McKay Drive
San Jose, California

30 January 2006

Project No. 99015-06-2100

Locus
TECHNOLOGIES

PHILIPS

Philips Semiconductors

30 January 2006

Max Shahbazian, P.G.
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

RE *Annual Groundwater Monitoring Report, January to December 2005*
The Companies Offsite Operable Unit
Sunnyvale, California
Locus Project No. 99015-06-2100

Dear Mr. Shahbazian:

Please find enclosed a copy of the above referenced report for the Companies' Offsite Operable Unit in Sunnyvale, California. This self-monitoring report was prepared to comply with the Site Cleanup Requirements for the Offsite Operable Unit, located in Sunnyvale, California, in accordance with the following Regional Water Quality Control Board (RWQCB) Orders: Order No. 91-102, issued to Advanced Micro Devices, Inc. (AMD); Order No. 91-103, issued to TRW Inc. (TRW); and Order No. 91-104, issued to Philips Semiconductors (Philips). These orders for AMD, TRW, and Phillips (the Companies) were adopted by the RWQCB on 19 June 1991.

The information contained in the enclosed report has been provided to me by Locus Technologies. To the best of my information and belief, the report contains accurate information. If you have any questions regarding this submittal, please call Mr. J. Wesley Hawthorne of Locus at (650) 960-1640, or me at (408) 474-6129.

Sincerely,

Glen Tsukamoto

Glen Tsukamoto
Environmental/Safety Manager
Philips Semiconductors

GT/rr

Enclosure

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Annual Groundwater Monitoring Report January to December 2005

The Companies Offsite Operable Unit Sunnyvale, California

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2005 ANNUAL GROUNDWATER MONITORING REPORT THE COMPANIES OFFSITE OPERABLE UNIT SUNNYVALE, CALIFORNIA

1. INTRODUCTION

This Annual Groundwater Monitoring Report was prepared by Locus Technologies to comply with the Site Cleanup Requirements for the Offsite Operable Unit (OOU; the site), located in Sunnyvale, California, in accordance with the following Regional Water Quality Control Board (RWQCB) Orders:

1. Order No. 91-102, issued to Advanced Micro Devices, Inc. (AMD),
2. Order No. 91-103, issued to TRW Inc. (TRW), and
3. Order No. 91-104, issued to Philips Semiconductors (Philips).

These orders for AMD, TRW, and Philips (the Companies) were adopted by the RWQCB on 19 June 1991. This report also includes requests made by the RWQCB in the responses to the Five-Year Status Report and Remedial Effectiveness Evaluation (Locus, 2001).

The Companies' Offsite Operable Unit extends from the northern property boundary of 440 Wolfe Road to just north of Lakehaven Drive (north of U.S. Highway 101) and is approximately bounded on the east by Santa Paula Avenue and the Sunnyvale East Drainage Channel on the west (Figure 1). The groundwater beneath the site is impacted with volatile organic compounds (VOCs). The OOU consists of the co-mingled plumes of the Philips 811 East Arques Avenue Site (Philips Arques Site), the AMD site at 901 and 902 Thompson Place (AMD 901/902 site), the AMD site at 915 DeGuigne Drive (AMD 915 site), and the TRW site at 825 Stewart Drive (TRW Site). An extensive groundwater extraction and monitoring program has been in operation since 1988 to monitor and control the migration of VOCs in the groundwater beneath the site.

The self-monitoring program involves collecting water level measurements and groundwater samples from monitoring and recovery wells at the OOU. This report provides a description of the field activities and analyses performed in 2005, including annual groundwater elevation measurements and annual groundwater analytical monitoring. Data summarizing the groundwater extraction and treatment system, including operation and performance data and analytical concentrations, are also included in this report.

1.1. Report Organization

This report is organized as follows:

- Chapter 1: Introduction
- Chapter 2: Groundwater Elevations
- Chapter 3: Groundwater Analytical Results
- Chapter 4: Groundwater Extraction Program
- Chapter 5: Quality Assurance/Quality Control Results

1.2. Reporting Period Activities

The following work was conducted during 2005:

- Groundwater elevations were measured at the site on 11 October 2005.
- Annual groundwater analytical monitoring at the site was conducted in October 2005. OOU extraction wells were sampled semiannually in 2005.

- In July 2005 spent carbon was removed from the 40,000-pound aqueous phase carbon vessel and replaced with freshly reactivated carbon.

Upcoming work planned for the following reporting period (January through December 2006) includes the following:

- Preparation of a Five-Year Status Report and Remedial Effectiveness Evaluation in June.
- Annual collection of groundwater elevation measurements and groundwater chemistry data in October.
- Continued operation of Offsite Operable Unit groundwater recovery wells and the groundwater treatment system located at 915 DeGuigne Drive.

2. GROUNDWATER ELEVATIONS

Groundwater elevation measurements were collected on 11 October 2005 in six water-bearing zones at the site. The general flow direction in these zones is north towards San Francisco Bay, however groundwater extraction in the region significantly influences the direction of groundwater flow in many areas, as illustrated in Figures 3 through 7 and discussed below. A summary of the OOU water elevation measurements for 2005 is provided in Table 1. The resultant groundwater elevation contours for the October event are shown on Figures 3 through 7, which also include water elevation measurements taken at the Philips Arques, AMD 901/902, AMD 915, and TRW sites. As illustrated on these figures, groundwater elevations measured in wells and piezometers at the OOU in 2005 were consistent with those reported in 2004, and reflect the capture zones for the recovery wells. Historical water elevation measurements for the OOU site are provided in Appendix A.

2.1. "A" Aquifer Groundwater Elevations

The uppermost aquifer, the "A" aquifer, is nearly continuous across the site. Characterized by silty and clayey sand with thin, localized sandy and gravelly channel deposits, the aquifer is typically encountered between 10 and 30 feet bgs (Einarson, Fowler & Watson, 1999). "A" aquifer groundwater elevation contours for the October event are shown on Figure 3. The contours on Figure 3 demonstrate that the groundwater flow direction in the "A" aquifer is to the north except where influenced by groundwater extraction.

2.2. "B" Aquifer Groundwater Elevations

2.2.1. "B1" Aquifer

The "B1" aquifer is predominantly found between 30 to 50 feet bgs and primarily consists of laterally discontinuous sandy and gravelly stream deposits (Einarson, Fowler & Watson, 1999). The effect of groundwater extraction in the "B1" aquifer is evident throughout the operable unit, as shown on Figure 4.

Significant depressions in the potentiometric surface maps are observed at the southern boundary of the OOU, between 815 Stewart Avenue and 570 Britton Avenue; along Duane Avenue; at Carmel Avenue and San Luisito Way; along Alvarado Avenue and at San Junipero Drive and Ahwahnee Drive.

2.2.2. "B2" Aquifer

The "B2" aquifer is typically encountered from approximately 50 to 70 feet bgs and is characterized by laterally discontinuous sandy and gravelly stream channel deposits (Einarson, Fowler & Watson, 1999). Groundwater elevation contours for the October measurement event are shown on Figure 5. These contours show large cones of depression around the OOU extraction wells along Duane Avenue and Carmel Avenue.

2.2.3. "B3" Aquifer

The "B3" aquifer is generally found from approximately 70 to 90 feet bgs and shares a very similar stratigraphy with the "B2" aquifer. From site investigations, it is known that some degree of interconnection exists between the "B2" and "B3" zones (Einarson, Fowler & Watson, 1999). The combined pumping of COM9B3 and COM6B3 along Duane Avenue significantly influence groundwater flow in the "B3" aquifer at the OOU, as shown on Figure 6.

2.2.4. "B4" Aquifer

The "B4" aquifer, found from approximately 90 to 110 feet bgs, contains more laterally continuous deposits of clayey sand and gravel. The effect of extraction well COM06B4 on the potentiometric surface is illustrated on Figure 7.

3. GROUNDWATER ANALYTICAL RESULTS

Annual sampling of the OOU monitoring and recovery wells was conducted by Locus during the fourth quarter of 2005. In addition to annual sampling activities, the twenty-nine extraction wells were sampled semi-annually in 2005. The samples were analyzed by Curtis & Tompkins, Ltd., a state-certified laboratory, by EPA Methods 8010 and 8020.

A summary of groundwater analytical results is included in Table 2. Historical groundwater sampling results for selected compounds are included in Appendix B. Of the chemicals detected at the site, trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) have been detected most frequently and at the highest concentrations. Therefore, TCE and cis-1,2-DCE are used to illustrate the distribution of VOCs in the subsurface. At the request of the RWQCB, contours for Freon 113 are also provided in this annual report. Fourth quarter TCE, cis-1,2-DCE, and Freon 113 concentration contours for the "A" through "B3" aquifers are provided in Figures 8 through 19. All concentration figures are contoured at values starting from the MCL or lower (5 µg/l for TCE, 6 µg/l for cis-1,2-DCE, and 1000 µg/l for Freon 113).

The results of annual sampling at the Philips Arques, AMD 901/902, AMD 915 and TRW sites are included on the figures, where available. Overall, the data collected this year are generally consistent with data from previous sampling events, with the highest VOC concentrations detected in the southernmost portion of the site. The most notable variations in groundwater chemistry observed in the fourth quarter of 2005 are discussed below and summarized in Table 3.

3.1. "A" Aquifer Groundwater Analytical Results

In the "A" aquifer, TCE continues to be the chemical with the highest observed concentrations. The maximum TCE concentration in the OOU area detected in the "A" aquifer in October 2005 was 340 µg/l, which was detected in extraction well COM06A. The maximum cis-1,2-DCE concentration in the OOU

"A" aquifer was 96 µg/l detected in extraction well COM06A. The highest Freon 113 concentration in the "A" aquifer at the OOU was 5.8 µg/l detected in well COM41A. Freon 113 was not detected above the MCL in any aquifers in the OOU area. Concentration contours of TCE, cis-1,2-DCE, and Freon 113 are shown on Figures 8, 9, and 10, respectively.

3.2. "B" Aquifer Groundwater Analytical Results

3.2.1. "B1" Aquifer

"B1" aquifer monitoring and extraction wells were sampled in the fourth quarter of 2005. The highest TCE concentration in the "B1" aquifer this period was 790 µg/l, detected in extraction well COM31B1 (Figure 11). The highest cis-1,2-DCE concentration was detected in well COM07B1, at 120 µg/l (Figure 12). The maximum Freon 113 concentration in the "B1" aquifer at the site was 79 µg/l detected in well COM50B1 (Figure 13).

3.2.2. "B2" Aquifer

TCE was detected in all of the seven recovery wells in the "B2" aquifer, with a maximum concentration of 670 µg/l detected in well COM15B2 (Figure 14). The highest cis-1,2-DCE concentration at the OOU was detected in extraction well COM59B2 at 30 µg/l (Figure 15). The highest Freon 113 concentration in the "B2" aquifer was detected in well COM15B2 at 140 µg/l (Figure 16).

3.2.3. "B3" Aquifer

Six "B3" aquifer wells were sampled in 2005. TCE was detected at 770 µg/l in well COM15B3 and at 870 µg/l in downgradient extraction well COM9B3 (Figure 17). Concentrations of cis-1,2-DCE and Freon 113 were not observed above the MCLs in the "B3" aquifer during 2005 (Figures 18 and 19).

3.2.4. "B4" and "B5" Aquifers

Groundwater samples were collected at three "B4" aquifer wells and one "B5" aquifer monitoring well. VOCs were detected in extraction well COM06B4 at 94 µg/l of TCE, 2.1 µg/l of cis-1,2-DCE, and 10.0 µg/l of Freon 113. VOCs were not detected in any other "B4" or "B5" aquifer monitoring wells.

4. GROUNDWATER EXTRACTION PROGRAM

The groundwater extraction program at the site consists of twenty-nine extraction wells (Offsite wells) which pump approximately 176 gallons per minute (gpm) of groundwater from the OOU to the groundwater treatment facility located at 915 DeGuigne Drive, Sunnyvale, California (915 GTS). Groundwater from nine extraction wells at the AMD 915 site (Onsite wells) is also treated at the 915 GTS. Extracted groundwater is treated at the 915 GTS by two packed tower air strippers plumbed in parallel and one 40,000-pound granular activated carbon (GAC) vessel. A portion of the treated discharge is re-used on site by AMD's Submicron Development Center (SDC) and by Facilities in cooling towers and air pollution control towers.

4.1. Groundwater Extraction System

The Offsite wells consist of the following, listed by location from south to north:

- Duane Avenue extraction wells: four "A" aquifer wells, one "B1" aquifer well, one "B2" aquifer well, two "B3" aquifer wells, and one "B4" aquifer well.
- Carmel Avenue extraction wells: one "A" aquifer well, two "B1" aquifer wells, and two "B2" aquifer wells.
- Alvarado Avenue extraction wells: four "A" aquifer wells, four "B1" aquifer wells, and two "B2" aquifer wells.
- Ahwahnee Drive extraction wells: one "A" aquifer well, two "B1" aquifer wells, and two "B2" aquifer wells.

Analytical results from extraction well sampling are included in Table 2. Table 3 provides a summary of the average pumping rate, TCE concentration and estimated TCE mass removed from each aquifer in

2005. As indicated in Table 3, approximately 0.42 pounds per day (lbs/d) of TCE were removed by the Offsite extraction wells in 2005. Approximately 0.05 lbs/d of TCE were removed from the "A" aquifer; 0.13 lbs/d from the "B1" aquifer; 0.16 lbs/d from the "B2" aquifer; 0.06 lbs/d from the "B3" aquifer; and 0.024 lbs/d from the "B4" aquifer.

4.2. Groundwater Treatment System and Analytical Results

Table 4 presents a summary of the annual groundwater treatment system flow and VOC mass removal for the combined groundwater from the onsite and offsite wells. During 2005, the 915 GTS treated approximately 101,158,240 gallons of groundwater, of which 65% were pumped to the treatment system from the offsite wells. As shown in Table 4, the offsite wells produced approximately 66,170,300 gallons of groundwater. Approximately 194 pounds of VOCs, primarily consisting of TCE and cis-1,2-DCE, were removed by the groundwater treatment system during 2005, with VOC mass removals of approximately 49, 49, 51, and 45 pounds in the first, second, third and fourth quarters, respectively.

5. QUALITY ASSURANCE/ QUALITY CONTROL RESULTS

Quality assurance/quality control (QA/QC) samples were collected to determine the accuracy of field and laboratory procedures during the 2005 sampling activities.

5.1. Field QC Samples

Field QC samples were collected to assess the potential for contamination associated with field sampling equipment, containers, and procedures. The field QC samples that were collected are discussed in the following subsections.

5.1.1. Duplicates

Duplicate groundwater samples were collected during extraction well sampling and annual monitoring well sampling activities. These samples were submitted "blind" to the laboratory using numeric identifications and were analyzed for the same parameters as those specified for the primary sample. During 2005, duplicate samples were collected from wells COM07B1, COM60B2, COM61B2, COM09B3, and COM15B3. Results of primary and duplicate samples are presented in Table 2.

5.1.2. Trip Blanks

Trip blanks are used to assess potential cross-contamination of VOCs in groundwater samples. One trip blank accompanied every cooler that was relinquished to the laboratory for VOC analyses. The trip blanks consisted of containers filled with deionized water, supplied by Curtis & Tompkins, Ltd. All trip blanks analyzed during the year 2005 showed acceptable results for the tested parameters.

5.1.3. Field Blanks

A field blank was collected during each well sampling event and submitted "blind" to the laboratory. No VOC concentrations were observed in any of the field blanks.

5.1.4. Rinseate Blanks

Rinseate blanks were collected during well sampling to assess the quality of field decontamination procedures. These samples were submitted "blind". No VOC concentrations were observed in any of the rinseate blanks.

5.2. Laboratory QA/QC Samples

Laboratory QA/QC samples were prepared and analyzed to determine whether internal laboratory QA/QC procedures were followed during routine operations. Laboratory QA/QC samples are summarized in the sections below.

5.2.1. Method Blanks

Method blanks are internal laboratory samples that are used to assess laboratory QA/QC procedures. No constituents were detected in any method blanks during 2005 that affect the integrity of the laboratory analysis. This indicates that proper laboratory procedures were followed and that no apparent contamination exists in the glassware or instruments at the laboratory.

5.2.2. Matrix Spike/Matrix Spike Duplicates

Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples are prepared by taking two aliquots of water from one sample in each batch (not to exceed 20 samples) and spiking these aliquots with a known amount of a constituent. The prepared aliquots are run as regular samples with the rest of the batch.

MS/MSD samples are analyzed to assess accuracy and precision by means of percent recovery and relative percent difference (RPD), respectively. Percent recovery and RPD results are used to assess the quality of the current data. As shown in the analytical laboratory sheets, all accuracy and precision goals were met this year.

5.2.3. Surrogates

Surrogates are used to assess the extraction procedure performed on every sample. Each sample is spiked with a known concentration of a surrogate compound that has chemical properties similar to the constituents being analyzed. This surrogate is then recovered following the extraction process. A recovery reported within the established laboratory control limit indicates that a normal extraction was executed and that laboratory instruments are performing properly. All of the surrogates analyzed during this year's sampling were within acceptable ranges.

Respectfully submitted,

Rashmi H. Ramachandra
Assistant Project Engineer

J. Wesley Hawthorne, P.E., P.G.
Project Manager

REFERENCES

Einarson, Fowler & Watson, "Philips Semiconductors Groundwater Report, Second Half of 1998, 811 East Arques Avenue Site, Sunnyvale, California," 31 January 1999.

EMCON, "First Quarter NPDES Self-Monitoring Report for Groundwater Treatment System Discharge for Offsite Operable Unit, Sunnyvale, California," May 1999.

Harding Lawson Associates, “1998 Annual Report, The Companies Offsite Operable Unit, Sunnyvale, California,” January 1999.

Locus Technologies, "Five-Year Status Report and Remedial Effectiveness Evaluation, 1996 to 2000, The Companies Offsite Operable Unit, Sunnyvale, California", 18 June 2001.

TABLE 1
2005 GROUNDWATER ELEVATION REPORT
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2005 Water Elevation (feet, msl)
COM01A	A	30.81	20.72
COM02A	A	28.62	19.51
COM03A	A	26.20	16.78
COM04A	A	27.59	17.78
COM05A	A	25.37	14.69
COM06A*	A	33.80	23.60
COM06AEH	A	33.17	22.83
COM08A*	A	34.39	19.99
COM10A*	A	34.65	17.25
COM11A	A	27.17	18.12
COM16A*	A	33.91	22.88
COM17AH	A	26.60	14.92
COM18AH	A	33.21	24.13
COM19AH	A	32.96	24.25
COM20AH	A	32.28	23.23
COM22AH	A	25.97	14.67
COM23AH	A	25.73	15.36
COM24AH	A	26.71	14.43
COM25AH	A	25.92	15.56
COM26AH	A	25.90	15.85
COM27AH	A	26.78	16.67
COM29A	A	35.07	26.53
COM29A2	A	35.37	26.80
COM37A*	A	25.37	12.97
COM38A*	A	25.42	7.50
COM39A*	A	24.82	13.77
COM41A	A	23.74	10.93
COM43A*	A	25.57	16.12
COM44A	A	28.65	19.49
COM46A*	A	21.65	6.55
COM49A	A	20.55	8.31
COM55A*	A	27.77	19.37
COM01B1*	B1	30.20	1.80
COM02B1	B1	28.66	18.79
COM03B1*	B1	25.53	4.11
COM05B1	B1	25.81	14.26
COM06B1H	B1	33.11	19.60

TABLE 1
2005 GROUNDWATER ELEVATION REPORT
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2005 Water Elevation (feet, msl)
COM07B1	B1	35.65	24.54
COM09B1	B1	33.65	16.71
COM10B1H	B1	33.70	15.65
COM11B1	B1	26.74	16.08
COM17B1H	B1	26.31	7.16
COM23B1H	B1	26.09	13.08
COM27B1H	B1	26.37	16.02
COM29B1	B1	35.92	26.16
COM31B1*	B1	34.62	1.05
COM32B1	B1	32.83	19.10
COM33B1	B1	24.03	10.48
COM34B1	B1	33.09	21.99
COM37B1	B1	26.69	14.94
COM38B1*	B1	25.18	0.04
COM41B1*	B1	22.79	4.78
COM42B1	B1	26.43	14.90
COM43B1	B1	26.09	15.61
COM45B1*	B1	24.85	0.75
COM46B1	B1	23.17	11.51
COM47B1	B1	25.44	16.09
COM48B1	B1	24.07	11.65
COM50B1	B1	20.65	8.84
COM51B1	B1	25.19	14.08
COM55B1	B1	28.68	18.61
COM59B1*	B1	29.60	14.24
COM60B1*	B1	24.54	-1.11
COM62B1*	B1	22.56	7.64
COM63B1	B1	15.66	7.03
COM64B1	B1	22.60	15.27
COM01B2*	B2	29.95	5.35
COM02B2	B2	28.43	18.94
COM03B2*	B2	25.03	-11.73
COM05B2	B2	25.32	13.12
COM06B2*	B2	33.90	-4.95
COM08B2	B2	33.09	19.67
COM08B2EH	B2	33.45	19.53
COM15B2	B2	35.77	24.00

TABLE 1
2005 GROUNDWATER ELEVATION REPORT
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2005 Water Elevation (feet, msl)
COM18B2H	B2	33.34	24.94
COM21B2H	B2	31.91	18.29
COM23B2H	B2	26.09	11.63
COM28B2	B2	23.71	10.93
COM35B2	B2	25.25	13.13
COM36B2	B2	33.97	30.52
COM43B2	B2	26.24	14.96
COM46B2*	B2	22.30	-6.04
COM49B2	B2	20.86	9.32
COM51B2	B2	25.33	15.07
COM52B2	B2	21.39	10.06
COM59B2*	B2	29.60	12.45
COM60B2*	B2	24.52	6.41
COM61B2*	B2	21.85	-3.46
COM63B2	B2	15.71	10.38
COM65B2	B2	12.50	5.02
COM03B3	B3	25.95	17.76
COM06B3*	B3	33.90	16.48
COM09B3*	B3	34.42	-20.85
COM11B3	B3	27.09	17.55
COM15B3	B3	35.67	28.04
COM17B3H	B3	26.03	19.40
COM27B3H	B3	26.95	15.40
COM33B3	B3	23.80	15.35
COM36B3	B3	33.93	33.91
COM38B3	B3	26.16	12.63
COM43B3	B3	26.23	17.57
COM45B3	B3	25.98	20.24
COM49B3	B3	20.81	14.36
COM53B3	B3	31.25	18.81
COM54B3	B3	28.49	20.51
COM56B3	B3	30.47	17.58
COM01B4	B4	30.69	22.19
COM06B4*	B4	33.76	-34.76
COM08B4	B4	33.72	21.81
COM09B4	B4	33.77	25.44
COM15B4	B4	35.62	31.78

TABLE 1
2005 GROUNDWATER ELEVATION REPORT
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	11 October 2005 Water Elevation (feet, msl)
COM41B4	B4	23.84	17.43
COM53B4	B4	31.33	22.26
COM54B4	B4	28.45	22.20
COM01B5	B5	30.43	29.56

Notes:

* - Extraction well

msl - mean sea level

NA - Data not available

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	COM01A	COM01B1	COM01B1	COM01B2	COM01B2	COM01B5	COM02A	COM02B1	COM03A	COM03B1
Date	10/21/2005	4/5/2005	10/20/2005	4/5/2005	10/20/2005	10/28/2005	10/21/2005	10/26/2005	10/21/2005	4/6/2005
Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter										
1,1,1-Trichloroethane (TCA)	ND 0.50	ND 1.3	0.60	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	ND 5.0	ND 13	ND 5.0	ND 20	22	ND 5.0	ND 5.0	ND 5.0	ND 5.0	8.2
1,1-Dichloroethane (1,1-DCA)	ND 0.50	ND 1.3	1.0	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.60
1,1-Dichloroethene (1,1-DCE)	ND 0.50	ND 1.3	1.6	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.80
1,2-Dichlorobenzene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
2-Chloroethyl Vinyl Ether	ND 1.0	ND 2.5	ND 1.0	ND 4.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Benzene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromomethane	ND 1.0	ND 2.5	ND 1.0	ND 4.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	ND 1.0	ND 2.5	ND 1.0	ND 4.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	1.4	ND 1.3	0.60	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	1.4	ND 0.50
Chloromethane	ND 1.0	ND 2.5	ND 1.0	ND 4.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	5.5	33	41	5.3	6.4	ND 0.50	0.90	0.60	4.3	0.80
cis-1,3-Dichloropropene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
m,p-Xylene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	ND 5.0	ND 13	ND 5.0	ND 20	ND 13	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
o-Xylene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Toluene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	ND 0.50	ND 1.3	0.60	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ND 0.50	ND 1.3	ND 0.50	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	COM01A	COM01B1	COM01B1	COM01B2	COM01B2	COM01B5	COM02A	COM02B1	COM03A	COM03B1
Date	10/21/2005	4/5/2005	10/20/2005	4/5/2005	10/20/2005	10/28/2005	10/21/2005	10/26/2005	10/21/2005	4/6/2005
Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter										
Trichloroethene (TCE)	95	170	160	290	290	ND 0.50	3.3	7.5	120	62
Trichlorofluoromethane (CFC 11)	ND 1.0	ND 2.5	ND 1.0	ND 4.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	1.9	ND 1.3	0.80	ND 2.0	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

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TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM03B1 10/21/2005 REG	COM03B2 4/5/2005 REG	COM03B2 10/20/2005 REG	COM04A 10/21/2005 REG	COM05A 10/21/2005 REG	COM05B1 10/21/2005 REG	COM05B2 10/31/2005 REG	COM06A 4/5/2005 REG	COM06A 10/20/2005 REG	COM06B2 4/5/2005 REG
1,1,1-Trichloroethane (TCA)	ND 0.50	ND 0.50	ND 1.0	0.60	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
1,1,2,2-Tetrachloroethane	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
1,1,2-Trichloroethane	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
1,1,2-Trichlorotrifluoroethane (CFC 113)	7.7	13	31	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 25	ND 10	47
1,1-Dichloroethane (1,1-DCA)	0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
1,1-Dichloroethene (1,1-DCE)	1.0	0.80	1.2	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	1.0	ND 2.5
1,2-Dichlorobenzene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
1,2-Dichloroethane	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
1,2-Dichloropropane	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
1,3-Dichlorobenzene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
1,4-Dichlorobenzene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
2-Chloroethyl Vinyl Ether	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 5.0
Benzene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Bromodichloromethane	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Bromoform	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Bromomethane	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 5.0
Carbon Tetrachloride	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Chlorobenzene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Chloroethane	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 5.0
Chloroform	ND 0.50	ND 0.50	ND 1.0	0.80	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Chloromethane	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 5.0
cis-1,2-Dichloroethene	0.80	2.6	ND 1.0	1.2	ND 0.50	ND 0.50	ND 0.50	110	96	5.3
cis-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Dibromochloromethane	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Ethylbenzene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
m,p-Xylene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Methylene Chloride	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 25	ND 10	ND 25
o-Xylene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Tetrachloroethene (PCE)	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
Toluene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5
trans-1,2-Dichloroethene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	3.7	2.2	ND 2.5
trans-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 2.5	ND 1.0	ND 2.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM03B1 10/21/2005 REG	COM03B2 4/5/2005 REG	COM03B2 10/20/2005 REG	COM04A 10/21/2005 REG	COM05A 10/21/2005 REG	COM05B1 10/21/2005 REG	COM05B2 10/31/2005 REG	COM06A 4/5/2005 REG	COM06A 10/20/2005 REG	COM06B2 4/5/2005 REG
Trichloroethene (TCE)	77	120	230	38	4.3	ND 0.50	ND 0.50	260	340	410
Trichlorofluoromethane (CFC 11)	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 5.0	ND 2.0	ND 5.0
Vinyl Chloride	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	8.5	3.7	ND 2.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	COM06B2	COM06B3	COM06B3	COM06B4	COM06B4	COM07B1	COM07B1	COM08A	COM08A	COM09B3
Date	10/20/2005	4/5/2005	10/20/2005	4/5/2005	10/20/2005	10/27/2005	10/27/2005	4/5/2005	10/20/2005	4/5/2005
Sample Purpose	REG	REG	REG	REG	REG	FD	REG	REG	REG	FD
Parameter										
1,1,1-Trichloroethane (TCA)	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
1,1,2,2-Tetrachloroethane	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
1,1,2-Trichloroethane	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
1,1,2-Trichlorotrifluoroethane (CFC 113)	84	40	56	6.8	10	ND 25	ND 25	ND 17	ND 17	69
1,1-Dichloroethane (1,1-DCA)	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
1,1-Dichloroethene (1,1-DCE)	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	2.7	2.6	ND 1.7	ND 1.7	ND 5.0
1,2-Dichlorobenzene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
1,2-Dichloroethane	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
1,2-Dichloropropane	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
1,3-Dichlorobenzene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
1,4-Dichlorobenzene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
2-Chloroethyl Vinyl Ether	ND 8.3	ND 6.3	ND 6.3	ND 1.0	ND 1.0	ND 5.0	ND 5.0	ND 3.3	ND 3.3	ND 10
Benzene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Bromodichloromethane	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Bromoform	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Bromomethane	ND 8.3	ND 6.3	ND 6.3	ND 1.0	ND 1.0	ND 5.0	ND 5.0	ND 3.3	ND 3.3	ND 10
Carbon Tetrachloride	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Chlorobenzene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Chloroethane	ND 8.3	ND 6.3	ND 6.3	ND 1.0	ND 1.0	ND 5.0	ND 5.0	ND 3.3	ND 3.3	ND 10
Chloroform	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Chloromethane	ND 8.3	ND 6.3	ND 6.3	ND 1.0	ND 1.0	ND 5.0	ND 5.0	ND 3.3	ND 3.3	ND 10
cis-1,2-Dichloroethene	8.6	ND 3.1	4.0	1.7	2.1	120	120	34	34	ND 5.0
cis-1,3-Dichloropropene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Dibromochloromethane	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Ethylbenzene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
m,p-Xylene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Methylene Chloride	ND 42	ND 31	ND 31	ND 5.0	ND 5.0	ND 25	ND 25	ND 17	ND 17	ND 50
o-Xylene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Tetrachloroethene (PCE)	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
Toluene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0
trans-1,2-Dichloroethene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	4.6	4.1	ND 1.7	ND 1.7	ND 5.0
trans-1,3-Dichloropropene	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM06B2 10/20/2005 REG	COM06B3 4/5/2005 REG	COM06B3 10/20/2005 REG	COM06B4 4/5/2005 REG	COM06B4 10/20/2005 REG	COM07B1 10/27/2005 FD	COM07B1 10/27/2005 REG	COM08A 4/5/2005 REG	COM08A 10/20/2005 REG	COM09B3 4/5/2005 FD
Trichloroethene (TCE)	510	460	540	81	94	290	280	270	320	820
Trichlorofluoromethane (CFC 11)	ND 8.3	ND 6.3	ND 6.3	ND 1.0	ND 1.0	ND 5.0	ND 5.0	ND 3.3	ND 3.3	ND 10
Vinyl Chloride	ND 4.2	ND 3.1	ND 3.1	ND 0.50	ND 0.50	ND 2.5	ND 2.5	ND 1.7	ND 1.7	ND 5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

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TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	COM09B3	COM09B3	COM09B3	COM10A	COM10A	COM11A	COM11B1	COM15B2	COM15B3	COM15B3
Date	4/5/2005	10/20/2005	10/20/2005	4/5/2005	10/20/2005	10/21/2005	10/28/2005	11/1/2005	11/1/2005	11/1/2005
Sample Purpose	REG	FD	REG	REG	REG	REG	REG	REG	FD	REG
Parameter										
1,1,1-Trichloroethane (TCA)	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
1,1,2,2-Tetrachloroethane	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
1,1,2-Trichloroethane	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
1,1,2-Trichlorotrifluoroethane (CFC 113)	63	68	70	ND 5.0	ND 5.0	ND 5.0	ND 5.0	140	69	ND 50
1,1-Dichloroethane (1,1-DCA)	ND 6.3	ND 0.50	ND 6.3	0.60	0.80	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
1,1-Dichloroethene (1,1-DCE)	ND 6.3	6.1	ND 6.3	0.50	0.80	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
1,2-Dichlorobenzene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
1,2-Dichloroethane	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
1,2-Dichloropropane	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
1,3-Dichlorobenzene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
1,4-Dichlorobenzene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
2-Chloroethyl Vinyl Ether	ND 13	ND 1.0	ND 13	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 6.3	ND 10	ND 10
Benzene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Bromodichloromethane	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Bromoform	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Bromomethane	ND 13	ND 1.0	ND 13	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 6.3	ND 10	ND 10
Carbon Tetrachloride	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Chlorobenzene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Chloroethane	ND 13	ND 1.0	ND 13	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 6.3	ND 10	ND 10
Chloroform	ND 6.3	ND 0.50	ND 6.3	1.3	1.5	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Chloromethane	ND 13	ND 1.0	ND 13	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 6.3	ND 10	ND 10
cis-1,2-Dichloroethene	ND 6.3	5.6	ND 6.3	55	46	ND 0.50	ND 0.50	12	ND 5.0	5.9
cis-1,3-Dichloropropene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Dibromochloromethane	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Ethylbenzene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
m,p-Xylene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Methylene Chloride	ND 63	ND 5.0	ND 63	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 31	ND 50	ND 50
o-Xylene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Tetrachloroethene (PCE)	ND 6.3	ND 0.50	ND 6.3	ND 0.50	0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
Toluene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
trans-1,2-Dichloroethene	ND 6.3	1.0	ND 6.3	0.60	0.70	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0
trans-1,3-Dichloropropene	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 3.1	ND 5.0	ND 5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

Locus TECHNOLOGIES

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM09B3 4/5/2005 REG	COM09B3 10/20/2005 FD	COM09B3 10/20/2005 REG	COM10A 4/5/2005 REG	COM10A 10/20/2005 REG	COM11A 10/21/2005 REG	COM11B1 10/28/2005 REG	COM15B2 11/1/2005 REG	COM15B3 11/1/2005 FD	COM15B3 11/1/2005 REG
Trichloroethene (TCE)	800	870	870	83	92	1.2	ND 0.50	670	600	770
Trichlorofluoromethane (CFC 11)	ND 13	ND 1.0	ND 13	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 6.3	ND 10	ND 10
Vinyl Chloride	ND 6.3	ND 0.50	ND 6.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	4.3	ND 5.0	ND 5.0

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All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	COM15B4	COM16A	COM16A	COM18B2H	COM28B2	COM29A	COM29B1	COM31B1	COM31B1	COM32B1
Date	10/28/2005	4/5/2005	10/20/2005	10/27/2005	10/31/2005	10/26/2005	10/25/2005	4/5/2005	10/20/2005	10/27/2005
Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter										
1,1,1-Trichloroethane (TCA)	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
1,1,2,2-Tetrachloroethane	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
1,1,2-Trichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	ND 5.0	ND 5.0	ND 5.0	11	ND 5.0	ND 5.0	ND 5.0	ND 42	27	ND 5.0
1,1-Dichloroethane (1,1-DCA)	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	1.4
1,1-Dichloroethene (1,1-DCE)	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	4.4	3.7	0.80
1,2-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
1,2-Dichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
1,2-Dichloropropane	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
1,3-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
1,4-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
2-Chloroethyl Vinyl Ether	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 8.3	ND 5.0	ND 1.0
Benzene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Bromodichloromethane	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Bromoform	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Bromomethane	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 8.3	ND 5.0	ND 1.0
Carbon Tetrachloride	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Chlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Chloroethane	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 8.3	ND 5.0	ND 1.0
Chloroform	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	0.60	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Chloromethane	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 8.3	ND 5.0	ND 1.0
cis-1,2-Dichloroethene	ND 0.50	4.9	2.7	ND 1.0	ND 0.50	0.50	ND 0.50	69	60	30
cis-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Dibromochloromethane	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Ethylbenzene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
m,p-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Methylene Chloride	ND 5.0	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND 42	ND 25	ND 5.0
o-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Tetrachloroethene (PCE)	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
Toluene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
trans-1,2-Dichloroethene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50
trans-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	ND 0.50

Notes:

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All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM15B4 10/28/2005 REG	COM16A 4/5/2005 REG	COM16A 10/20/2005 REG	COM18B2H 10/27/2005 REG	COM28B2 10/31/2005 REG	COM29A 10/26/2005 REG	COM29B1 10/25/2005 REG	COM31B1 4/5/2005 REG	COM31B1 10/20/2005 REG	COM32B1 10/27/2005 REG
Trichloroethene (TCE)	ND 0.50	32	30	150	ND 0.50	32	ND 0.50	700	790	3.5
Trichlorofluoromethane (CFC 11)	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 8.3	ND 5.0	ND 1.0
Vinyl Chloride	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 4.2	ND 2.5	7.8

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Locus TECHNOLOGIES

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	COM35B2	COM36B2	COM36B3	COM37A	COM37A	COM37B1	COM38A	COM38A	COM38B1	COM38B1
Date	10/25/2005	10/31/2005	10/25/2005	4/6/2005	10/21/2005	10/26/2005	4/6/2005	10/21/2005	4/6/2005	10/21/2005
Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter										
1,1,1-Trichloroethane (TCA)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.60	ND 0.50	ND 0.50	ND 0.50	0.60	ND 0.70
1,1,2,2-Tetrachloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
1,1,2-Trichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
1,1,2-Trichlorotrifluoroethane (CFC 113)	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	26	16
1,1-Dichloroethane (1,1-DCA)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
1,1-Dichloroethene (1,1-DCE)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.50	ND 0.50	ND 0.50	1.7	1.4
1,2-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
1,2-Dichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
1,2-Dichloropropane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
1,3-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
1,4-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
2-Chloroethyl Vinyl Ether	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4
Benzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Bromodichloromethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Bromoform	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Bromomethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4
Carbon Tetrachloride	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Chlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Chloroethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4
Chloroform	ND 0.50	ND 0.50	ND 0.50	1.7	3.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Chloromethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4
cis-1,2-Dichloroethene	ND 0.50	ND 0.50	ND 0.50	0.80	2.6	2.1	ND 0.50	ND 0.50	0.90	ND 0.70
cis-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Dibromochloromethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Ethylbenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
m,p-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Methylene Chloride	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 7.1
o-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Tetrachloroethene (PCE)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
Toluene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
trans-1,2-Dichloroethene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70
trans-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70

Notes:

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TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM35B2 10/25/2005 REG	COM36B2 10/31/2005 REG	COM36B3 10/25/2005 REG	COM37A 4/6/2005 REG	COM37A 10/21/2005 REG	COM37B1 10/26/2005 REG	COM38A 4/6/2005 REG	COM38A 10/21/2005 REG	COM38B1 4/6/2005 REG	COM38B1 10/21/2005 REG
Trichloroethene (TCE)	ND 0.50	12	ND 0.50	33	85	19	0.60	0.90	120	110
Trichlorofluoromethane (CFC 11)	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4
Vinyl Chloride	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.70

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

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TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM39A 4/5/2005 REG	COM39A 10/21/2005 REG	COM41A 10/26/2005 REG	COM41B1 4/5/2005 REG	COM41B1 10/21/2005 REG	COM42B1 10/25/2005 REG	COM43A 4/5/2005 REG	COM43A 10/20/2005 REG	COM43B1 10/27/2005 REG	COM43B2 10/21/2005 REG
1,1,1-Trichloroethane (TCA)	ND 0.50	ND 1.0	0.60	ND 0.50	0.60	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	ND 5.0	ND 10	5.8	20	21	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
1,1-Dichloroethane (1,1-DCA)	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ND 0.50	ND 1.0	0.60	0.90	0.80	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichlorobenzene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
2-Chloroethyl Vinyl Ether	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Benzene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromomethane	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	1.1	2.1	0.90	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.60	ND 0.50	ND 0.50
Chloromethane	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	1.9	4.7	0.90	ND 0.50	ND 0.50	ND 0.50	0.60	1.8	ND 0.50	ND 0.50
cis-1,3-Dichloropropene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
m,p-Xylene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
o-Xylene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Toluene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	COM39A	COM39A	COM41A	COM41B1	COM41B1	COM42B1	COM43A	COM43A	COM43B1	COM43B2
Date	4/5/2005	10/21/2005	10/26/2005	4/5/2005	10/21/2005	10/25/2005	4/5/2005	10/20/2005	10/27/2005	10/21/2005
Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter										
Trichloroethene (TCE)	99	180	6.8	80	83	0.90	76	80	6.5	ND 0.50
Trichlorofluoromethane (CFC 11)	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	COM45B1	COM45B1	COM46A	COM46A	COM46B1	COM46B2	COM46B2	COM48B1	COM49A	COM49B2
Date	4/6/2005	10/21/2005	4/5/2005	10/20/2005	10/26/2005	4/5/2005	10/21/2005	10/25/2005	10/26/2005	10/28/2005
Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter										
1,1,1-Trichloroethane (TCA)	0.70	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	30	21	ND 5.0	ND 5.0	21	40	38	ND 5.0	ND 5.0	25
1,1-Dichloroethane (1,1-DCA)	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	1.1	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichlorobenzene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
2-Chloroethyl Vinyl Ether	ND 1.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Benzene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromomethane	ND 1.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	ND 1.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloromethane	ND 1.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
cis-1,3-Dichloropropene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
m,p-Xylene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	ND 5.0	ND 13	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
o-Xylene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Toluene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

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TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM45B1 4/6/2005 REG	COM45B1 10/21/2005 REG	COM46A 4/5/2005 REG	COM46A 10/20/2005 REG	COM46B1 10/26/2005 REG	COM46B2 4/5/2005 REG	COM46B2 10/21/2005 REG	COM48B1 10/25/2005 REG	COM49A 10/26/2005 REG	COM49B2 10/28/2005 REG
Trichloroethene (TCE)	120	140	3.7	4.2	ND 0.50	38	40	ND 0.50	12	ND 0.50
Trichlorofluoromethane (CFC 11)	ND 1.0	ND 2.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	ND 0.50	ND 1.3	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

Locus TECHNOLOGIES

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	COM50B1	COM51B1	COM51B2	COM52B2	COM53B3	COM53B4	COM54B3	COM55A	COM55A	COM55B1
Date	11/1/2005	10/31/2005	10/28/2005	10/25/2005	10/24/2005	10/25/2005	10/27/2005	4/5/2005	10/20/2005	11/1/2005
Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter										
1,1,1-Trichloroethane (TCA)	0.90	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.80
1,1,2,2-Tetrachloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	79	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	11
1,1-Dichloroethane (1,1-DCA)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.80
1,2-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
2-Chloroethyl Vinyl Ether	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Benzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromomethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloromethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.70	1.4
cis-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
m,p-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
o-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Toluene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	1.0	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

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TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM50B1 11/1/2005 REG	COM51B1 10/31/2005 REG	COM51B2 10/28/2005 REG	COM52B2 10/25/2005 REG	COM53B3 10/24/2005 REG	COM53B4 10/25/2005 REG	COM54B3 10/27/2005 REG	COM55A 4/5/2005 REG	COM55A 10/20/2005 REG	COM55B1 11/1/2005 REG
Trichloroethene (TCE)	3.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	11	14	110
Trichlorofluoromethane (CFC 11)	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM59B1 4/5/2005 REG	COM59B1 10/20/2005 REG	COM59B2 4/5/2005 REG	COM59B2 10/20/2005 REG	COM60B1 4/5/2005 REG	COM60B1 10/21/2005 REG	COM60B2 4/6/2005 REG	COM60B2 10/21/2005 FD	COM60B2 10/21/2005 REG	COM61B2 4/5/2005 REG
1,1,1-Trichloroethane (TCA)	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
1,1,2,2-Tetrachloroethane	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
1,1,2-Trichloroethane	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
1,1,2-Trichlorotrifluoroethane (CFC 113)	ND 13	18	25	33	15	13	26	29	29	45
1,1-Dichloroethane (1,1-DCA)	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
1,1-Dichloroethene (1,1-DCE)	1.4	1.5	ND 2.0	2.1	1.8	1.4	ND 2.0	ND 2.0	ND 2.0	ND 0.80
1,2-Dichlorobenzene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
1,2-Dichloroethane	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
1,2-Dichloropropane	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
1,3-Dichlorobenzene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
1,4-Dichlorobenzene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
2-Chloroethyl Vinyl Ether	ND 2.5	ND 1.0	ND 4.0	ND 4.0	ND 1.0	ND 2.0	ND 4.0	ND 4.0	ND 4.0	ND 1.7
Benzene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Bromodichloromethane	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Bromoform	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Bromomethane	ND 2.5	ND 1.0	ND 4.0	ND 4.0	ND 1.0	ND 2.0	ND 4.0	ND 4.0	ND 4.0	ND 1.7
Carbon Tetrachloride	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Chlorobenzene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Chloroethane	ND 2.5	ND 1.0	ND 4.0	ND 4.0	ND 1.0	ND 2.0	ND 4.0	ND 4.0	ND 4.0	ND 1.7
Chloroform	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Chloromethane	ND 2.5	ND 1.0	ND 4.0	ND 4.0	ND 1.0	ND 2.0	ND 4.0	ND 4.0	ND 4.0	ND 1.7
cis-1,2-Dichloroethene	2.1	1.8	34	30	1.3	1.8	ND 2.0	ND 2.0	ND 2.0	ND 0.80
cis-1,3-Dichloropropene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Dibromochloromethane	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Ethylbenzene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
m,p-Xylene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Methylene Chloride	ND 13	ND 5.0	ND 20	ND 20	ND 5.0	ND 10	ND 20	ND 20	ND 20	ND 8.3
o-Xylene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Tetrachloroethene (PCE)	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
Toluene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
trans-1,2-Dichloroethene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80
trans-1,3-Dichloropropene	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM59B1 4/5/2005 REG	COM59B1 10/20/2005 REG	COM59B2 4/5/2005 REG	COM59B2 10/20/2005 REG	COM60B1 4/5/2005 REG	COM60B1 10/21/2005 REG	COM60B2 4/6/2005 REG	COM60B2 10/21/2005 FD	COM60B2 10/21/2005 REG	COM61B2 4/5/2005 REG
Trichloroethene (TCE)	160	130	460	470	130	150	300	320	310	120
Trichlorofluoromethane (CFC 11)	ND 2.5	ND 1.0	ND 4.0	ND 4.0	ND 1.0	ND 2.0	ND 4.0	ND 4.0	ND 4.0	ND 1.7
Vinyl Chloride	ND 1.3	ND 0.50	ND 2.0	ND 2.0	ND 0.50	ND 1.0	ND 2.0	ND 2.0	ND 2.0	ND 0.80

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM61B2 4/6/2005 FD	COM61B2 10/21/2005 REG	COM62B1 4/5/2005 REG	COM62B1 10/27/2005 REG	COM63B1 10/27/2005 REG	COM63B2 10/25/2005 REG	COM64B1 11/1/2005 REG	COM65B2 10/28/2005 REG
1,1,1-Trichloroethane (TCA)	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	30	52	13	22	29	ND 5.0	18	ND 5.0
1,1-Dichloroethane (1,1-DCA)	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ND 2.0	1.0	0.50	0.60	1.1	ND 0.50	ND 0.50	ND 0.50
1,2-Dichlorobenzene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
2-Chloroethyl Vinyl Ether	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4	ND 1.0	ND 1.0	ND 1.0
Benzene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Bromoform	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Bromomethane	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Chloroethane	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4	ND 1.0	ND 1.0	ND 1.0
Chloroform	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Chloromethane	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
cis-1,3-Dichloropropene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
m,p-Xylene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 7.1	ND 5.0	ND 5.0	ND 5.0
o-Xylene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
Toluene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 2
2005 GROUNDWATER ANALYTICAL RESULTS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	COM61B2 4/6/2005 FD	COM61B2 10/21/2005 REG	COM62B1 4/5/2005 REG	COM62B1 10/27/2005 REG	COM63B1 10/27/2005 REG	COM63B2 10/25/2005 REG	COM64B1 11/1/2005 REG	COM65B2 10/28/2005 REG
Trichloroethene (TCE)	290	130	60	79	90	ND 0.50	ND 0.50	ND 0.50
Trichlorofluoromethane (CFC 11)	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.4	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	ND 2.0	ND 0.50	ND 0.50	ND 0.50	ND 0.70	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All samples analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 3
2005 TCE REMOVAL BY GROUNDWATER EXTRACTION
THE COMPANIES OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Groundwater Extraction System	Average Flow (gpm)	TCE Concentration (µg/l)	TCE Removal (lbs/day)	% of Total Discharge	% of Total TCE Removal
First Quarter					
"A" Aquifer Wells	106.0	89	0.11	39.7%	21.7%
"B1" Aquifer Wells	112.0	144	0.19	42.0%	37.0%
"B2" Aquifer Wells	39.7	333	0.159	14.9%	30.4%
"B3" Aquifer Wells	6.6	691	0.055	2.5%	10.4%
"B4" Aquifer Well	2.4	81	0.002	0.9%	0.4%
Total	266.6		0.52	100%	100%
Second Quarter					
"A" Aquifer Wells	32.6	61	0.02	27.4%	6.9%
"B1" Aquifer Wells	37.6	219	0.10	31.6%	28.9%
"B2" Aquifer Wells	39.2	337	0.16	32.9%	46.24%
"B3" Aquifer Wells	7.1	693	0.059	6.0%	17.2%
"B4" Aquifer Well	2.6	81	0.002	2.2%	0.7%
Total	119.1		0.34	100%	100%
Third Quarter					
"A" Aquifer Wells	28.1	85	0.03	23.2%	7.6%
"B1" Aquifer Wells	47.2	204	0.12	39.0%	30.7%
"B2" Aquifer Wells	36.1	380	0.17	29.8%	43.84%
"B3" Aquifer Wells	7.3	739	0.065	6.0%	17.2%
"B4" Aquifer Well	2.3	94	0.003	1.9%	0.7%
Total	121.1		0.38	100%	100%
Fourth Quarter					
"A" Aquifer Wells	28.8	93	0.03	14.7%	7.0%
"B1" Aquifer Wells	45.8	195	0.11	23.3%	23.6%
"B2" Aquifer Wells	37.3	383	0.17	19.0%	37.64%
"B3" Aquifer Wells	5.6	816	0.055	2.9%	12.1%
"B4" Aquifer Well	78.9	94	0.089	40.2%	19.6%
Total	196.4		0.46	100%	100%
2005 Annual Average					
"A" Aquifer Wells	48.9	82	0.05	27.8%	11.7%
"B1" Aquifer Wells	60.7	190	0.13	34.5%	30.4%
"B2" Aquifer Wells	38.1	358	0.16	21.7%	38.53%
"B3" Aquifer Wells	6.6	735	0.06	3.8%	13.8%
"B4" Aquifer Well	21.5	88	0.024	12.2%	5.7%
Total	175.8		0.42	100%	100%

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TABLE 4
ANNUAL 2005
GROUNDWATER TREATMENT SYSTEM FLOW AND MASS REMOVAL DATA
THE COMPANIES OFFSITE OPERABLE UNIT
915 DEGUIGNE DRIVE, SUNNYVALE, CALIFORNIA

	Offsite Volume (Gallons)	Onsite Volume (Gallons)	Total Volume	Reuse Volume (Gallons)	Reuse Percent	Avg. Total Influent VOC Concentration (µg/l)	VOC Mass Removed (Pounds)
January	4,846,300	2,929,130	7,775,430	1,438,363	18%	246	16.0
February	5,217,700	2,927,920	8,145,620	1,637,212	20%	248	16.8
March	5,521,800	3,111,500	8,633,300	1,698,606	20%	229	16.5
1st Quarter	15,585,800	8,968,550	24,554,350	4,774,181	19%	-	49
April	5,972,000	3,198,950	9,170,950	2,045,410	22%	224	17.1
May	6,211,300	2,830,400	9,041,700	2,079,729	23%	248	18.7
June	4,055,700	2,500,110	6,555,810	1,783,689	27%	248	13.5
2nd Quarter	16,239,000	8,529,460	24,768,460	5,908,828	24%	-	49
July	5,498,000	2,735,140	8,233,140	1,698,159	21%	213	14.6
August	6,379,500	3,301,460	9,680,960	1,688,756	17%	224	18.1
September	5,712,100	2,943,240	8,655,340	1,645,321	19%	248	17.9
3rd Quarter	17,589,600	8,979,840	26,569,440	5,032,236	19%	-	51
October	5,740,400	2,942,990	8,683,390	2,272,637	26%	218	15.8
November	5,483,800	2,780,060	8,263,860	1,997,502	24%	162	11.2
December	5,531,700	2,787,040	8,318,740	1,644,670	20%	255	17.7
4th Quarter	16,755,900	8,510,090	25,265,990	5,914,809	23%	-	45
2005 Total	66,170,300	34,987,940	101,158,240	21,630,054	21%	230	194

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
OFFSITE OPERABLE UNITS, SUNNYVALE, CALIFORNIA

	Location	I1	I1	I1	I1	I1	I1	I1	I1	I1
	Date	1/12/2005	1/12/2005	2/9/2005	3/16/2005	4/13/2005	5/11/2005	5/11/2005	6/8/2005	7/13/2005
	Sample Purpose	FD	REG	REG	REG	REG	FD	REG	REG	REG
Parameter	Units									
1,1,1,2-Tetrachloroethane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,1,1-Trichloroethane (TCA)	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,1,2,2-Tetrachloroethane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,1,2-Trichloroethane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,1,2-Trichlorotrifluoroethane (CFC 113)	µg/l	ND 13	ND 13	ND 13	ND 10	ND 13	ND 10	11	ND 10	6.8
1,1-Dichloroethane (1,1-DCA)	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,1-Dichloroethene (1,1-DCE)	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	1.0	1.1	ND 1.0	ND 0.60
1,1-Dichloropropene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,2,3-Trichlorobenzene	µg/l	3.2	3.4	4.8	1.1	4.3	2.9	3.0	5.0	2.5
1,2,3-Trichloropropane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,2,4-Trichlorobenzene	µg/l	7.3	8.4	9.3	2.8	7.1	5.0	5.2	7.2	3.4
1,2,4-Trimethylbenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,2-Dibromo-3-chloropropane (DBCP)	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,2-Dibromoethane (EDB)	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,2-Dichlorobenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,2-Dichloroethane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,2-Dichloropropane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,3,5-Trimethylbenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,3-Dichlorobenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,3-Dichloropropane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
1,4-Dichlorobenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
2,2-Dichloropropane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
2-Butanone (MEK)	µg/l	ND 25	ND 25	ND 25	ND 20	ND 25	ND 20	ND 20	ND 20	ND 13
2-Chloroethyl Vinyl Ether	µg/l	ND 25	ND 25	ND 25	ND 20	ND 25	ND 20	ND 20	ND 20	ND 13
2-Chlorotoluene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
2-Hexanone	µg/l	ND 25	ND 25	ND 25	ND 20	ND 25	ND 20	ND 20	ND 20	ND 13
4-Chlorotoluene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
4-Isopropyltoluene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Acetone	µg/l	ND 25	ND 25	ND 25	ND 20	ND 25	ND 20	ND 20	ND 20	ND 13
Benzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Bromobenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results analyzed by EPA Method 8260B

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
OFFSITE OPERABLE UNITS, SUNNYVALE, CALIFORNIA

Parameter	Location Date Sample Purpose Units	I1 1/12/2005 FD	I1 1/12/2005 REG	I1 2/9/2005 REG	I1 3/16/2005 REG	I1 4/13/2005 REG	I1 5/11/2005 FD	I1 5/11/2005 REG	I1 6/8/2005 REG	I1 7/13/2005 REG
Bromochloromethane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Bromodichloromethane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Bromoform	µg/l	ND 2.5	ND 2.5	ND 2.5	ND 2.0	ND 2.5	ND 2.0	ND 2.0	ND 2.0	ND 1.3
Bromomethane	µg/l	ND 2.5	ND 2.5	ND 2.5	ND 2.0	ND 2.5	ND 2.0	ND 2.0	ND 2.0	ND 1.3
Carbon Disulfide	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Carbon Tetrachloride	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Chlorobenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Chloroethane	µg/l	ND 2.5	ND 2.5	ND 2.5	ND 2.0	ND 2.5	ND 2.0	ND 2.0	ND 2.0	ND 1.3
Chloroform	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Chloromethane	µg/l	ND 2.5	ND 2.5	ND 2.5	ND 2.0	ND 2.5	ND 2.0	ND 2.0	ND 2.0	ND 1.3
cis-1,2-Dichloroethene	µg/l	74	72	62	62	61	68	66	64	58
cis-1,3-Dichloropropene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Dibromochloromethane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Dibromomethane	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Dichlorodifluoromethane (CFC 12)	µg/l	ND 2.5	ND 2.5	ND 2.5	ND 2.0	ND 2.5	ND 2.0	ND 2.0	ND 2.0	ND 1.3
Ethylbenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Hexachlorobutadiene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Isopropylbenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
m,p-Xylene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Methyl Isobutyl Ketone	µg/l	ND 25	ND 25	ND 25	ND 20	ND 25	ND 20	ND 20	ND 20	ND 13
Methylene Chloride	µg/l	ND 13	ND 13	ND 13	ND 10	ND 13	ND 10	ND 10	ND 10	ND 6.3
MTBE	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
n-Butylbenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
n-Propylbenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Naphthalene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
o-Xylene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
sec-Butylbenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Styrene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
tert-Butylbenzene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Tetrachloroethene (PCE)	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Toluene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results analyzed by EPA Method 8260B

Locus TECHNOLOGIES

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
OFFSITE OPERABLE UNITS, SUNNYVALE, CALIFORNIA

Parameter	Location Date Sample Purpose Units	I1 1/12/2005 FD	I1 1/12/2005 REG	I1 2/9/2005 REG	I1 3/16/2005 REG	I1 4/13/2005 REG	I1 5/11/2005 FD	I1 5/11/2005 REG	I1 6/8/2005 REG	I1 7/13/2005 REG
trans-1,2-Dichloroethene	µg/l	1.3	1.8	1.4	2.7	1.3	1.1	1.2	1.4	1.8
trans-1,3-Dichloropropene	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60
Trichloroethene (TCE)	µg/l	160	160	170	160	150	160	160	170	140
Trichlorofluoromethane (CFC 11)	µg/l	ND 2.5	ND 2.5	ND 2.5	ND 2.0	ND 2.5	ND 2.0	ND 2.0	ND 2.0	ND 1.3
Vinyl Acetate	µg/l	ND 25	ND 25	ND 25	ND 20	ND 25	ND 20	ND 20	ND 20	ND 13
Vinyl Chloride	µg/l	ND 1.3	ND 1.3	ND 1.3	ND 1.0	ND 1.3	ND 1.0	ND 1.0	ND 1.0	ND 0.60

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results analyzed by EPA Method 8260B

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
OFFSITE OPERABLE UNITS, SUNNYVALE, CALIFORNIA

Parameter	Location Date Sample Purpose Units	I1 8/10/2005 REG	I1 9/14/2005 FD	I1 9/14/2005 REG	I1 10/12/2005 REG	I1 11/9/2005 REG	I1 12/14/2005 REG
1,1,1,2-Tetrachloroethane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,1,1-Trichloroethane (TCA)	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,1,2,2-Tetrachloroethane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,1,2-Trichloroethane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,1,2-Trichlorotrifluoroethane (CFC 113)	µg/l	ND 10	ND 13	ND 8.3	ND 10	ND 10	12
1,1-Dichloroethane (1,1-DCA)	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,1-Dichloroethene (1,1-DCE)	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	1.0
1,1-Dichloropropene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,2,3-Trichlorobenzene	µg/l	5.2	4.7	3.8	3.1	2.5	5.7
1,2,3-Trichloropropane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,2,4-Trichlorobenzene	µg/l	7.4	7.2	7.0	5.9	3.6	12
1,2,4-Trimethylbenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,2-Dibromo-3-chloropropane (DBCP)	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,2-Dibromoethane (EDB)	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,2-Dichlorobenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,2-Dichloroethane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,2-Dichloropropane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,3,5-Trimethylbenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,3-Dichlorobenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,3-Dichloropropane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
1,4-Dichlorobenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
2,2-Dichloropropane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
2-Butanone (MEK)	µg/l	ND 20	ND 25	ND 17	ND 20	ND 20	ND 20
2-Chloroethyl Vinyl Ether	µg/l	ND 20	ND 25	ND 17	ND 20	ND 20	ND 20
2-Chlorotoluene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
2-Hexanone	µg/l	ND 20	ND 25	ND 17	ND 20	ND 20	ND 20
4-Chlorotoluene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
4-Isopropyltoluene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Acetone	µg/l	ND 20	ND 25	ND 17	ND 20	ND 20	ND 20
Benzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Bromobenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results analyzed by EPA Method 8260B

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
OFFSITE OPERABLE UNITS, SUNNYVALE, CALIFORNIA

	Location	I1	I1	I1	I1	I1	I1
	Date	8/10/2005	9/14/2005	9/14/2005	10/12/2005	11/9/2005	12/14/2005
	Sample Purpose	REG	FD	REG	REG	REG	REG
Parameter	Units						
Bromochloromethane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Bromodichloromethane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Bromoform	µg/l	ND 2.0	ND 2.5	ND 1.7	ND 2.0	ND 2.0	ND 2.0
Bromomethane	µg/l	ND 2.0	ND 2.5	ND 1.7	ND 2.0	ND 2.0	ND 2.0
Carbon Disulfide	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Chlorobenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Chloroethane	µg/l	ND 2.0	ND 2.5	ND 1.7	ND 2.0	ND 2.0	ND 2.0
Chloroform	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Chloromethane	µg/l	ND 2.0	ND 2.5	ND 1.7	ND 2.0	ND 2.0	ND 2.0
cis-1,2-Dichloroethene	µg/l	50	56	60	49	35	63
cis-1,3-Dichloropropene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Dibromochloromethane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Dibromomethane	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Dichlorodifluoromethane (CFC 12)	µg/l	ND 2.0	ND 2.5	ND 1.7	ND 2.0	ND 2.0	ND 2.0
Ethylbenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Hexachlorobutadiene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Isopropylbenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
m,p-Xylene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Methyl Isobutyl Ketone	µg/l	ND 20	ND 25	ND 17	ND 20	ND 20	ND 20
Methylene Chloride	µg/l	ND 10	ND 13	ND 8.3	ND 10	ND 10	ND 10
MTBE	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
n-Butylbenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
n-Propylbenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Naphthalene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
o-Xylene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
sec-Butylbenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Styrene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
tert-Butylbenzene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Tetrachloroethene (PCE)	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Toluene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results analyzed by EPA Method 8260B

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
OFFSITE OPERABLE UNITS, SUNNYVALE, CALIFORNIA

	Location	I1	I1	I1	I1	I1	I1
	Date	8/10/2005	9/14/2005	9/14/2005	10/12/2005	11/9/2005	12/14/2005
	Sample Purpose	REG	FD	REG	REG	REG	REG
Parameter	Units						
trans-1,2-Dichloroethene	µg/l	1.3	ND 1.3	1.4	ND 1.0	1.3	1.4
trans-1,3-Dichloropropene	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0
Trichloroethene (TCE)	µg/l	160	180	170	160	120	160
Trichlorofluoromethane (CFC 11)	µg/l	ND 2.0	ND 2.5	ND 1.7	ND 2.0	ND 2.0	ND 2.0
Vinyl Acetate	µg/l	ND 20	ND 25	ND 17	ND 20	ND 20	ND 20
Vinyl Chloride	µg/l	ND 1.0	ND 1.3	ND 0.80	ND 1.0	ND 1.0	ND 1.0

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results analyzed by EPA Method 8260B

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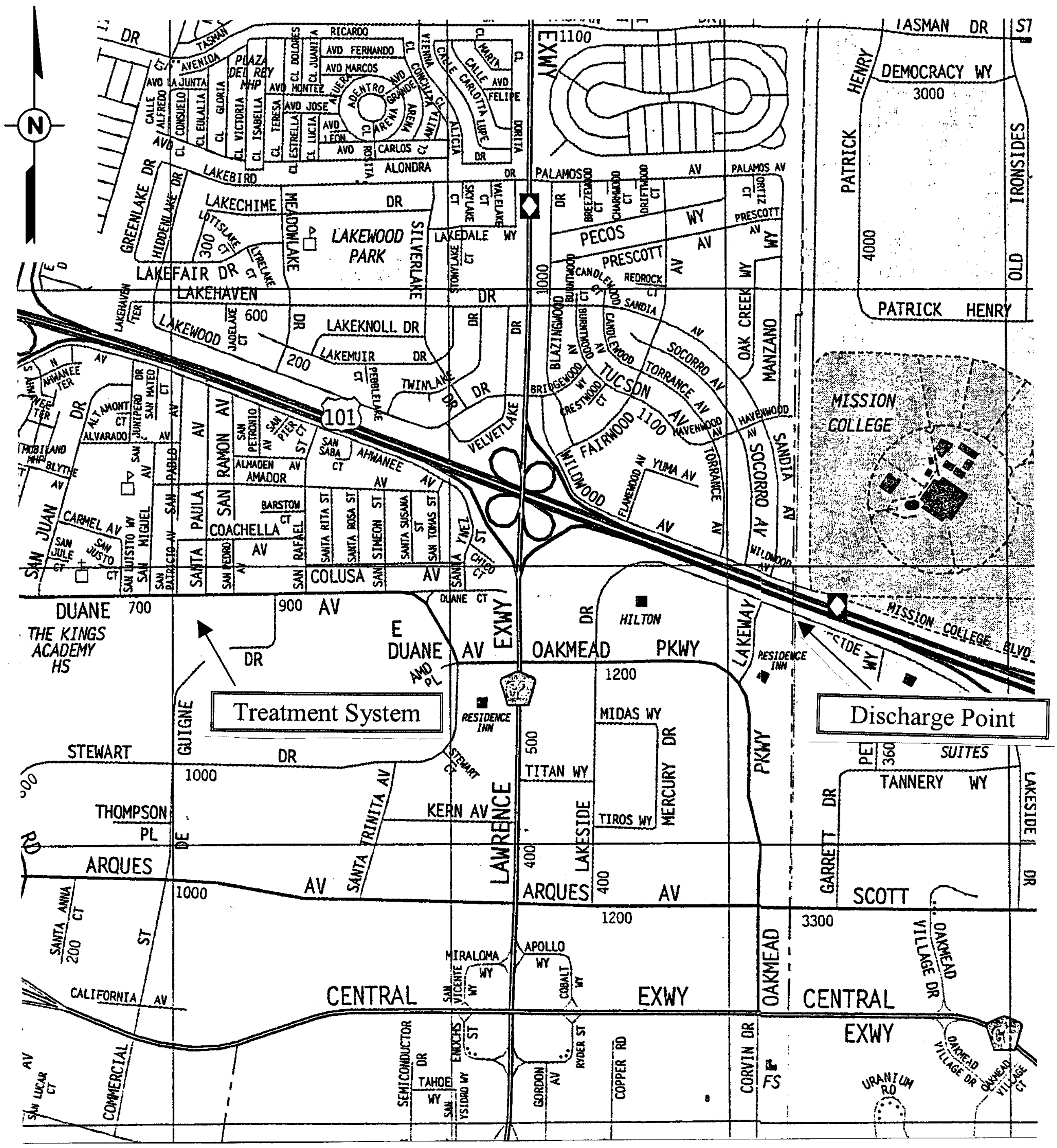

SITE LOCATION MAP
OFFSITE OPERABLE UNIT
915 DE GUIGNE DRIVE
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS
SUNNYVALE, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	7-30-99	ISSUED FOR REPORT	VZC		

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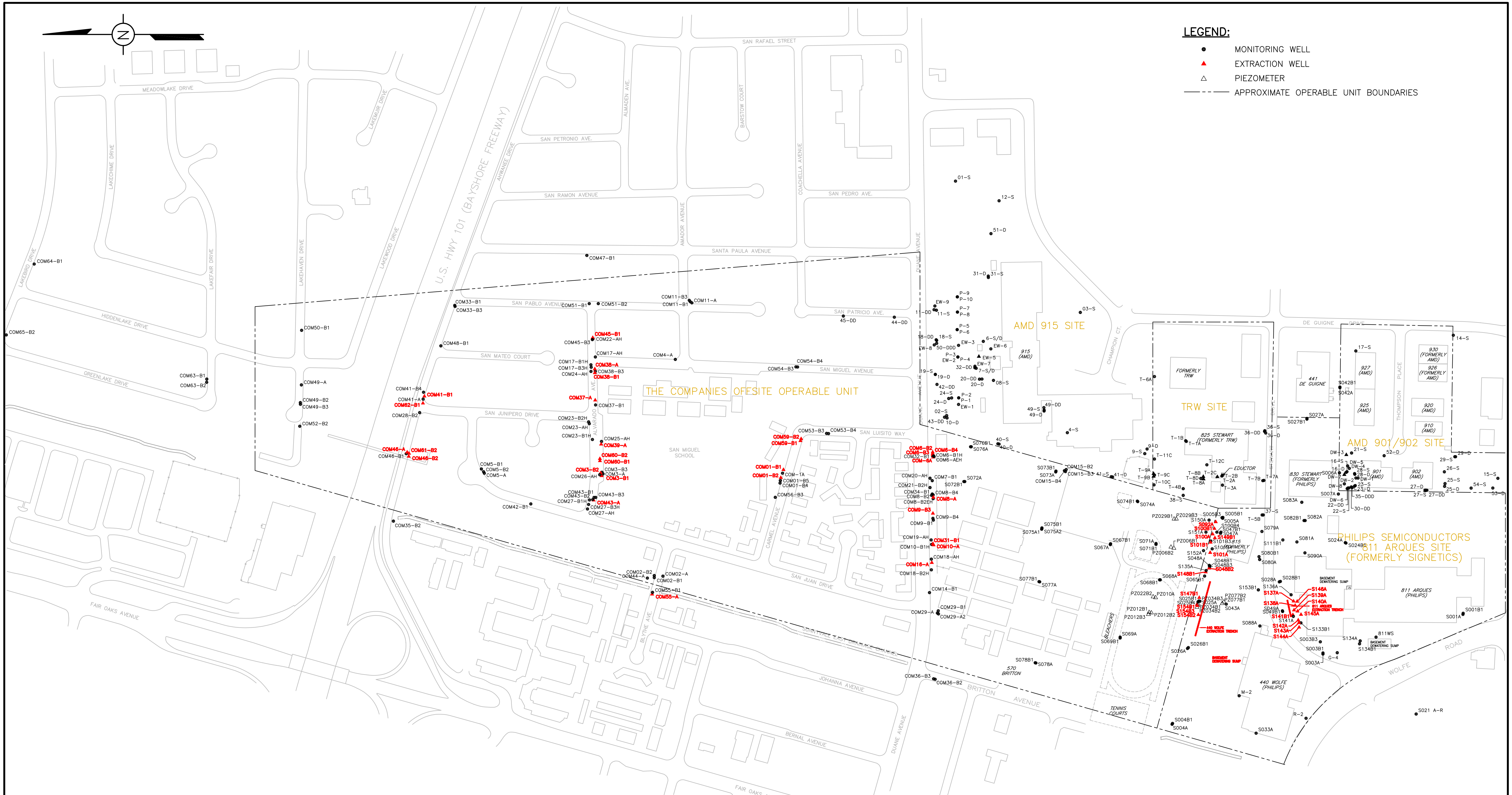
TECHNOLOGIES

DRAWING NO. 99-015-A2

FIGURE 1

K:\99-015-A2.DWG 7-27-99



LEGEND:

●	MONITORING WELL
▲	EXTRACTION WELL
△	PIEZOMETER
— · — · —	APPROXIMATE OPERABLE UNIT BOUNDARIES

SITE PLAN
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS
SEMICONDUCTORS

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE–A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△	28 JAN 06	ISSUED FOR REPORT	VZC	JWH	JWH

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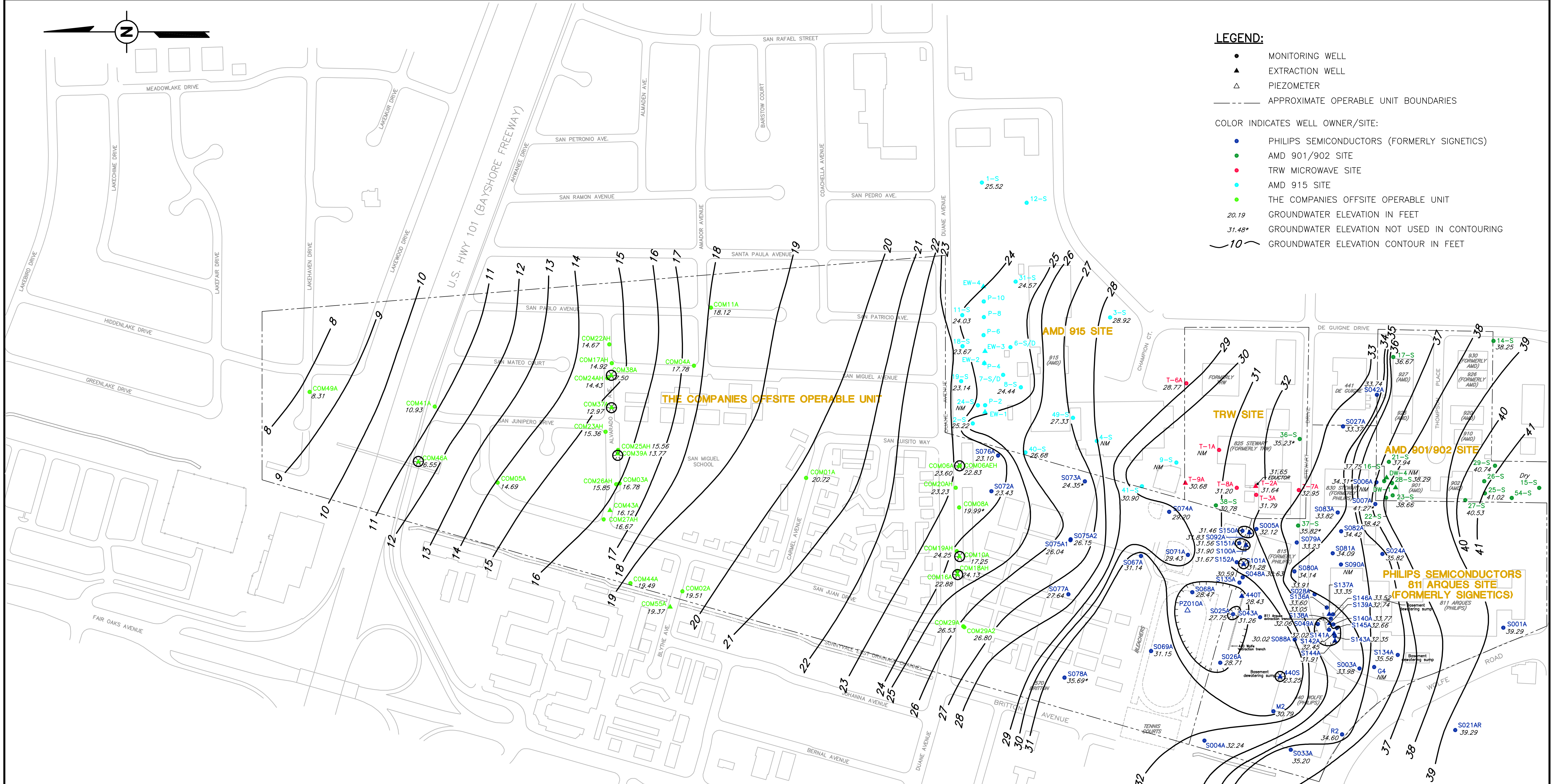
TECHNOLOGIES

SCALE
200 0 200 400 FEET

DRAWING NO. 99–015–E282

FIGURE 2



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- —— – – —— APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

- ● PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
- ● AMD 901/902 SITE
- ● TRW MICROWAVE SITE
- ● AMD 915 SITE
- ● THE COMPANIES OFFSITE OPERABLE UNIT
- *20.19* GROUNDWATER ELEVATION IN FEET
- *31.48** GROUNDWATER ELEVATION NOT USED IN CONTOURING
- ~*10*~ GROUNDWATER ELEVATION CONTOUR IN FEET

"A" AQUIFER
GROUNDWATER ELEVATION CONTOURS
OCTOBER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS
SEMICONDUCTORS

NOTES:

1. WATER ELEVATIONS AT THE PHILIPS SITE WERE MEASURED ON 11 OCTOBER 2005.
2. WATER ELEVATIONS AT THE OOU SITE WERE MEASURED ON 10 AND 11 OCTOBER 2005.
3. WATER ELEVATIONS AT THE AMD 901/902 AND 915 SITES WERE MEASURED ON 10 OCTOBER 2005
4. WATER ELEVATIONS AT THE TRW SITE WERE MEASURED ON 10 OCTOBER 2005.

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

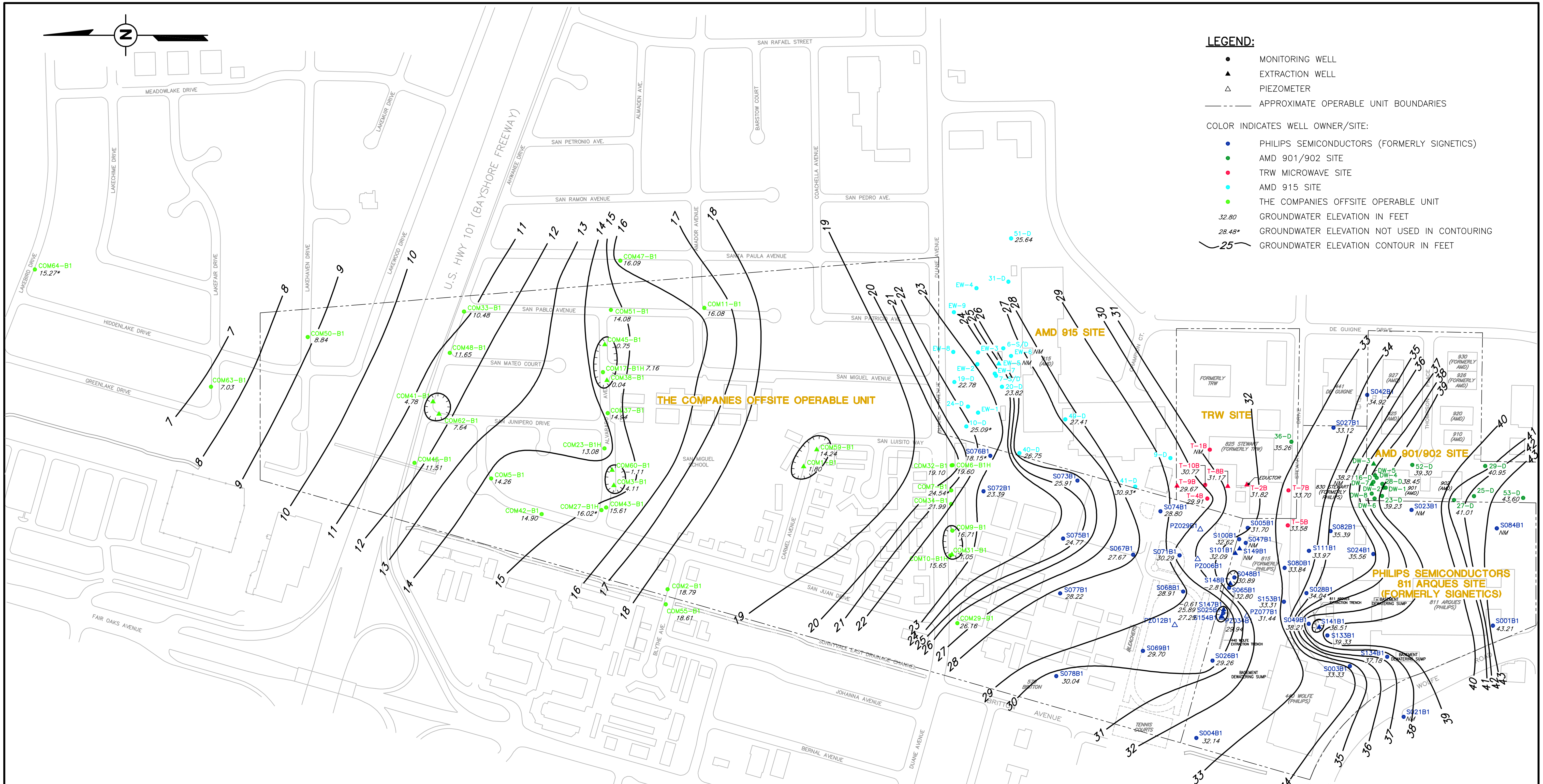
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△1		ISSUED FOR REPORT	VZC	RHR	JWH

Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO.	99-015-E259
FIGURE 3	

K:\99-014\E259.DWG 5 JAN 06



"B1" AQUIFER
GROUNDWATER ELEVATION CONTOURS
OCTOBER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

NOTES:

1. WATER ELEVATIONS AT THE PHILIPS SITE WERE MEASURED ON 11 OCTOBER 2005.
2. WATER ELEVATIONS AT THE OOU SITE WERE MEASURED ON 10 AND 11 OCTOBER 2005.
3. WATER ELEVATIONS AT THE AMD 901/902 AND 915 SITES WERE MEASURED ON 10 OCTOBER 2005.
4. WATER ELEVATIONS AT THE TRW SITE WERE MEASURED ON 10 OCTOBER 2005.

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	VZC	RHR	JEB

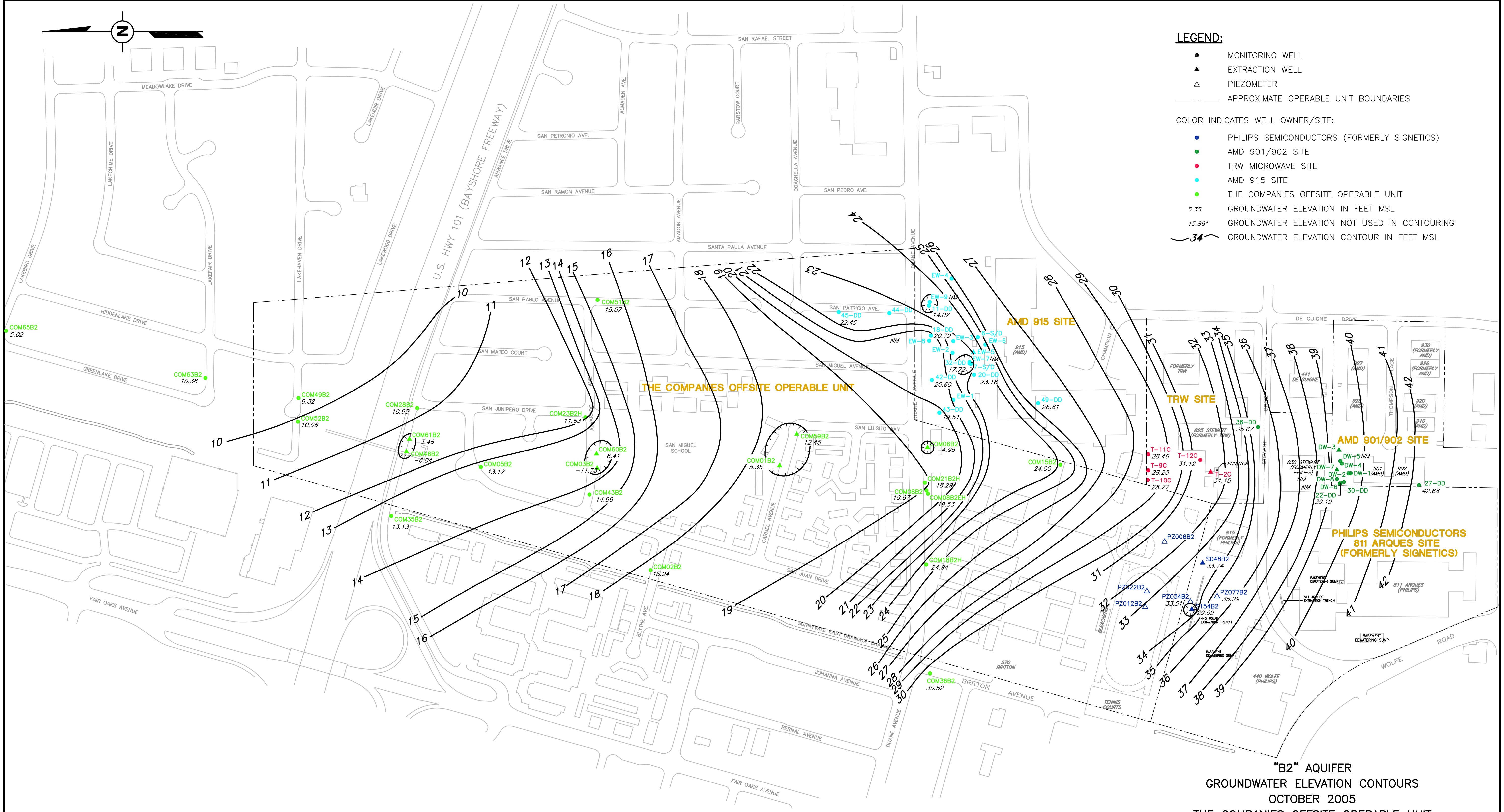
Locus TECHNOLOGIES

SCALE 200 0 200 400 FEET

DRAWING NO. 99-015-E260

FIGURE 4

K:\99-014\E260.DWG 5 JAN 06



LEGEND:

● MONITORING WELL

▲ EXTRACTION WELL

△ PIEZOMETER

— - — APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

● PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)

● AMD 901/902 SITE

● TRW MICROWAVE SITE

● AMD 915 SITE

● THE COMPANIES OFFSITE OPERABLE UNIT

5.35 GROUNDWATER ELEVATION IN FEET MSL

*15.86** GROUNDWATER ELEVATION NOT USED IN CONTOURING

～*34*～ GROUNDWATER ELEVATION CONTOUR IN FEET MSL

"B2" AQUIFER
GROUNDWATER ELEVATION CONTOURS
OCTOBER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

NOTES:

1. WATER ELEVATIONS AT THE PHILIPS SITE WERE MEASURED ON 11 OCTOBER 2005.
2. WATER ELEVATIONS AT THE OOU SITE WERE MEASURED ON 10 AND 11 OCTOBER 2005.
3. WATER ELEVATIONS AT THE AMD 901/902 AND 915 SITES WERE MEASURED ON 10 OCTOBER 2005.
4. WATER ELEVATIONS AT THE TRW SITE WERE MEASURED ON 10 OCTOBER 2005.

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

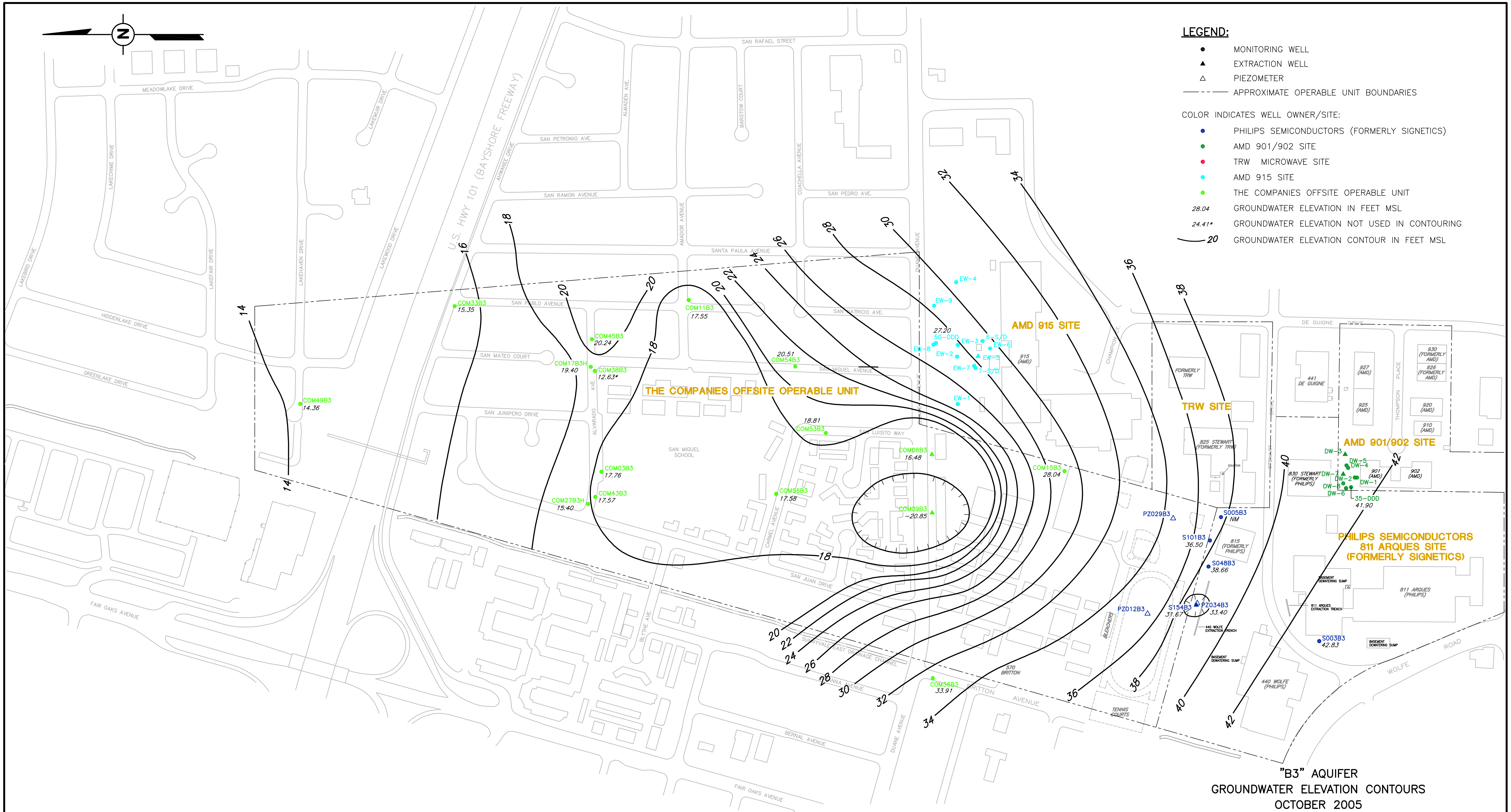
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	VZC	RHR	JWH

Locus TECHNOLOGIES

DRAWING NO. 99-015-E261

FIGURE 5

K:\99-014\E261.DWG 5 JAN 05



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- — - — APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

- ● PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
- ● AMD 901/902 SITE
- ● TRW MICROWAVE SITE
- ● AMD 915 SITE
- ● THE COMPANIES OFFSITE OPERABLE UNIT
- *28.04* GROUNDWATER ELEVATION IN FEET MSL
- *24.41** GROUNDWATER ELEVATION NOT USED IN CONTOURING
- —*20* GROUNDWATER ELEVATION CONTOUR IN FEET MSL

"B3" AQUIFER
GROUNDWATER ELEVATION CONTOURS
OCTOBER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

NOTES:

1. WATER ELEVATIONS AT THE PHILIPS SITE WERE MEASURED ON 11 OCTOBER 2005.
2. WATER ELEVATIONS AT THE OOU SITE WERE MEASURED ON 10 AND 11 OCTOBER 2005.
3. WATER ELEVATIONS AT THE AMD 901/902 AND 915 SITES WERE MEASURED ON 10 OCTOBER 2005.
4. WATER ELEVATIONS AT THE TRW SITE WERE MEASURED ON 10 OCTOBER 2005.

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
⚠		ISSUED FOR REPORT	VZC	RHR	JWH

Locus TECHNOLOGIES

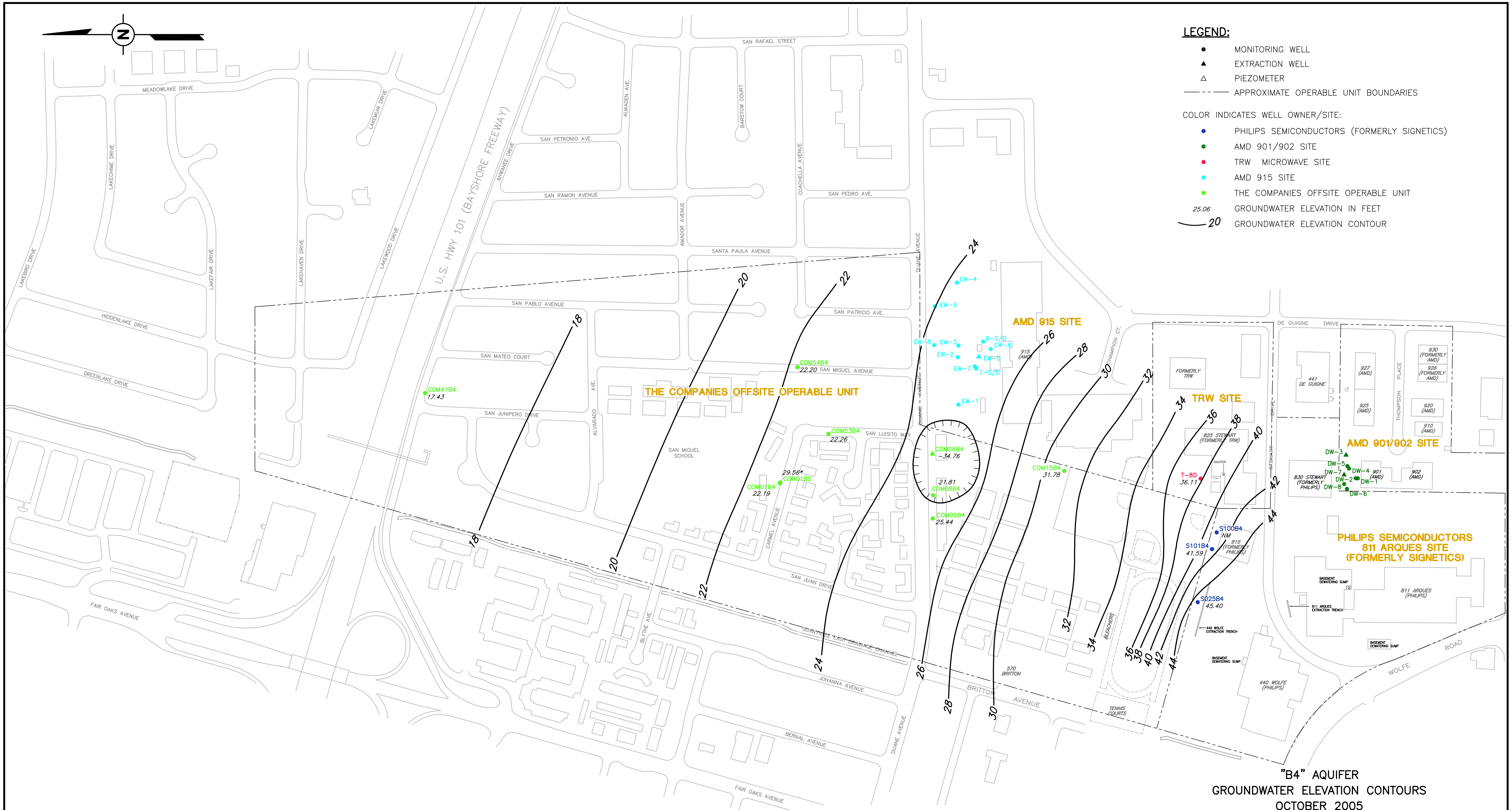
SCALE

200 0 200 400 FEET

DRAWING NO. 99-015-E262

FIGURE 6

K:\99-014\E262.DWG 5 JAN 06



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- — - — APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

- ● PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
- ● AMD 901/902 SITE
- ● TRW MICROWAVE SITE
- ● AMD 915 SITE
- ● THE COMPANIES OFFSITE OPERABLE UNIT
- 25.06 GROUNDWATER ELEVATION IN FEET
- 20 GROUNDWATER ELEVATION CONTOUR

"B4" AQUIFER
GROUNDWATER ELEVATION CONTOURS
OCTOBER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS
SEMICONDUCTORS

NOTES:

1. WATER ELEVATIONS AT THE PHILIPS SITE WERE MEASURED ON 11 OCTOBER 2005.
2. WATER ELEVATIONS AT THE OOU SITE WERE MEASURED ON 10 AND 11 OCTOBER 2005.
3. WATER ELEVATIONS AT THE AMD 901/902 AND 915 SITES WERE MEASURED ON 10 OCTOBER 2005.
4. WATER ELEVATIONS AT THE TRW SITE WERE MEASURED ON 10 OCTOBER 2005.

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE–A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
⚠		ISSUED FOR REPORT	VAC	RHR	JWH

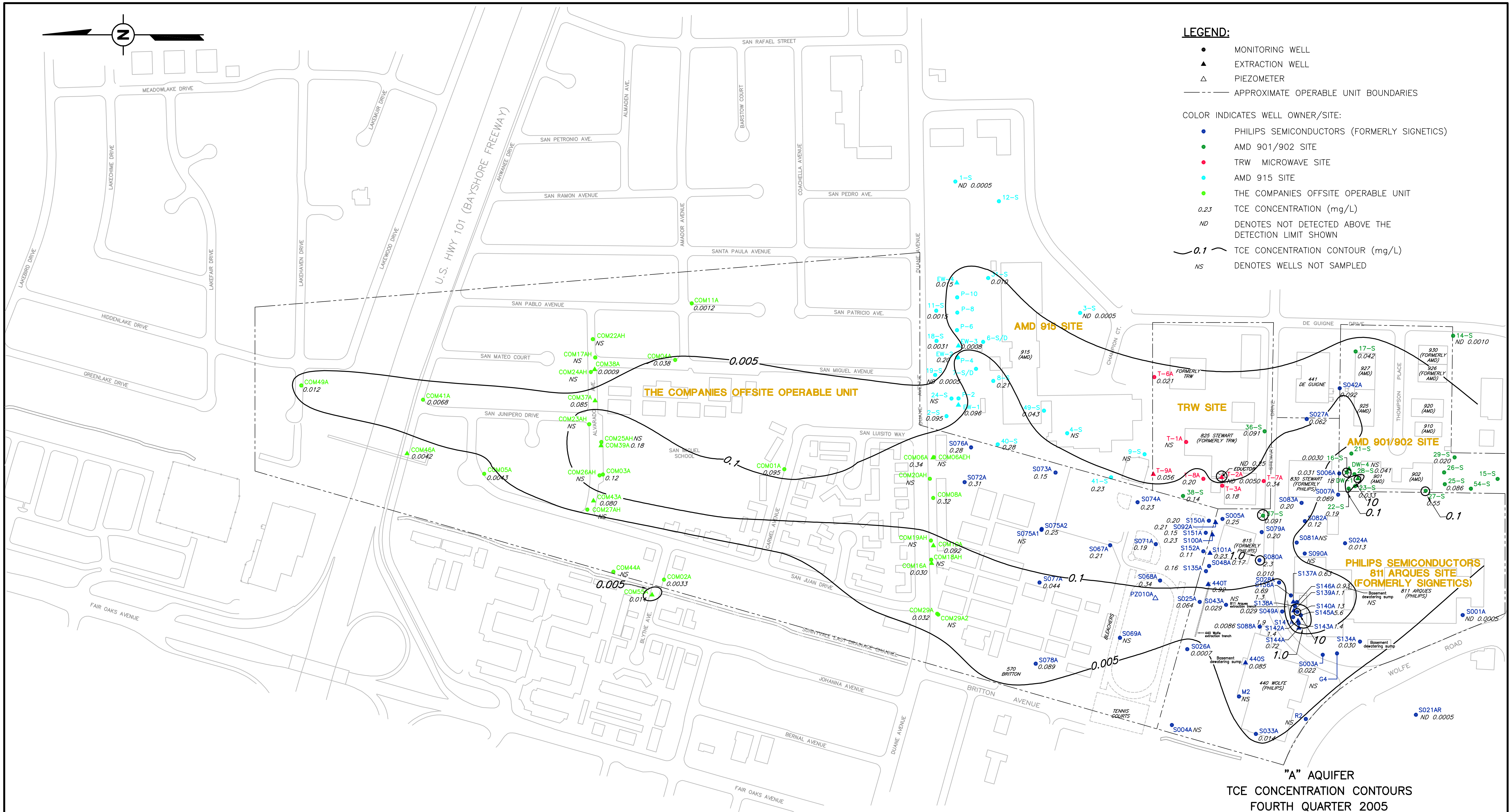
Locus TECHNOLOGIES

SCALE
200 0 200 400 FEET

DRAWING NO. 99-015-E263

FIGURE 7

K:\99-014\E263.DWG 5 JAN 06



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- — - — APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

- ● PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
- ● AMD 901/902 SITE
- ● TRW MICROWAVE SITE
- ● AMD 915 SITE
- ● THE COMPANIES OFFSITE OPERABLE UNIT

0.23 TCE CONCENTRATION (mg/L)

ND DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN

—0.1— TCE CONCENTRATION CONTOUR (mg/L)

NS DENOTES WELLS NOT SAMPLED

"A" AQUIFER
TCE CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS
SEMICONDUCTORS

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

△		ISSUED FOR REPORT	RHR	RHR	JWH
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY

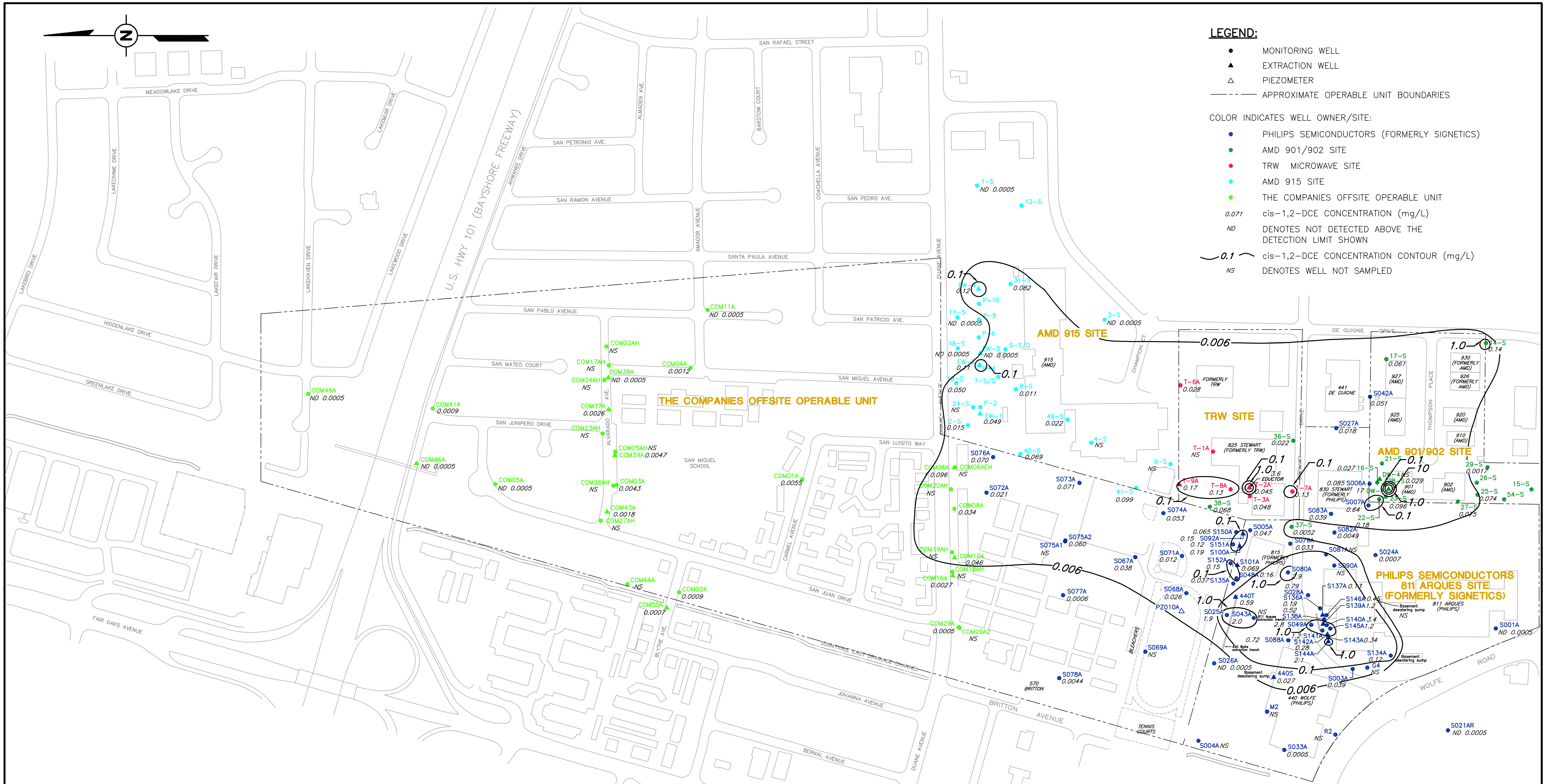
Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO. 99-015-E270

FIGURE 8

K:\99-014\E161.dwg ORIGINALLY CREATED 08-JAN-02



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- — - - — APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

- 🔵 PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
- 🟢 AMD 901/902 SITE
- 🔴 TRW MICROWAVE SITE
- ● AMD 915 SITE
- ● THE COMPANIES OFFSITE OPERABLE UNIT
- *0.071* cis–1,2–DCE CONCENTRATION (mg/L)
- *ND* DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN
- *0.1* cis–1,2–DCE CONCENTRATION CONTOUR (mg/L)
- *NS* DENOTES WELL NOT SAMPLED

"A" AQUIFER
cis–1,2–DCE CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE–A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

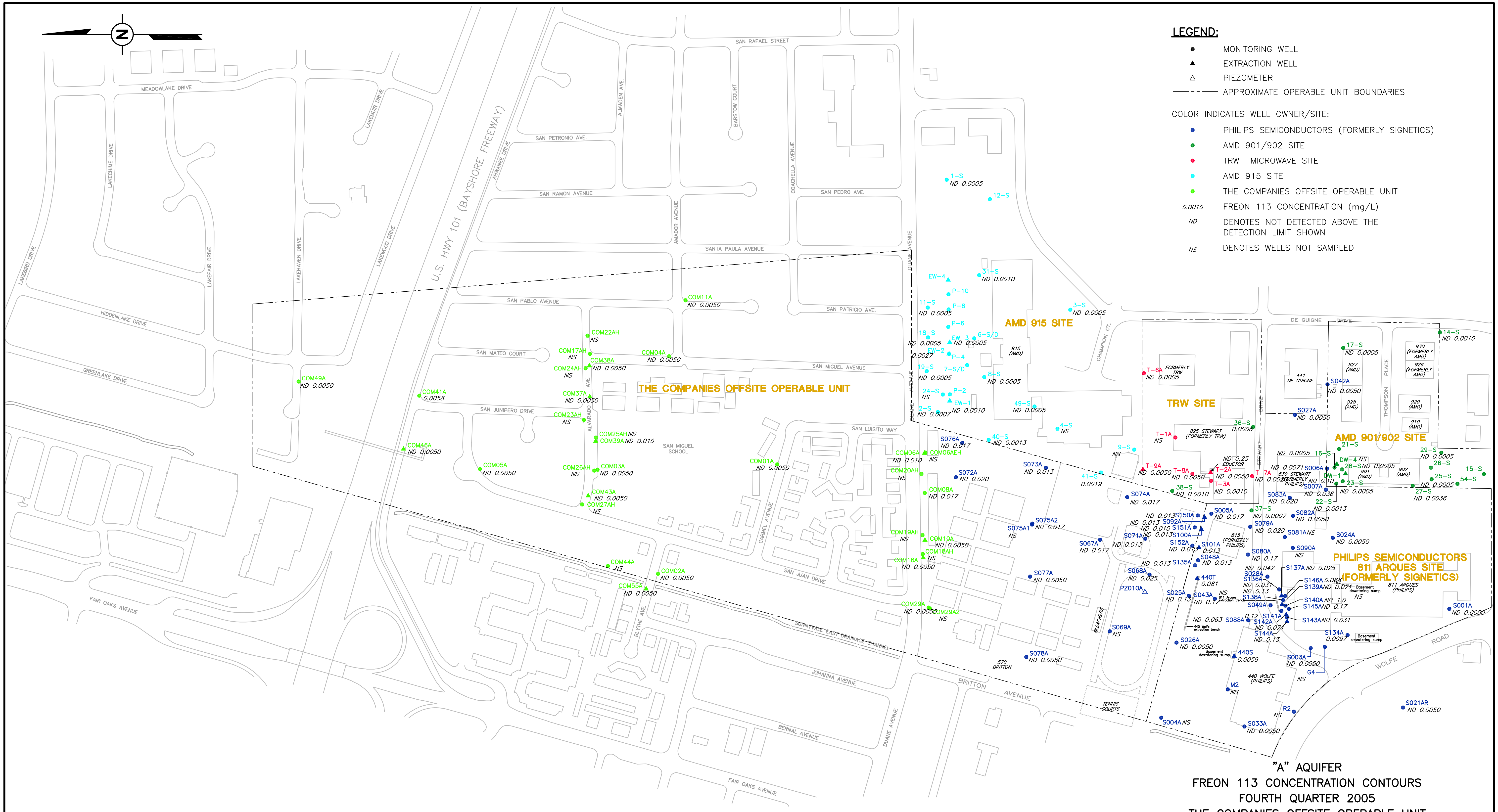
Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO. 99-015-E271

FIGURE 9

K:\99–014\E161.dwg ORIGINALLY CREATED 08–JAN–02



LEGEND:

● MONITORING WELL
▲ EXTRACTION WELL
△ PIEZOMETER
— - — APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

● PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
● AMD 901/902 SITE
● TRW MICROWAVE SITE
● AMD 915 SITE
● THE COMPANIES OFFSITE OPERABLE UNIT

0.0010 FREON 113 CONCENTRATION (mg/L)

ND DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN

NS DENOTES WELLS NOT SAMPLED

"A" AQUIFER
FREON 113 CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

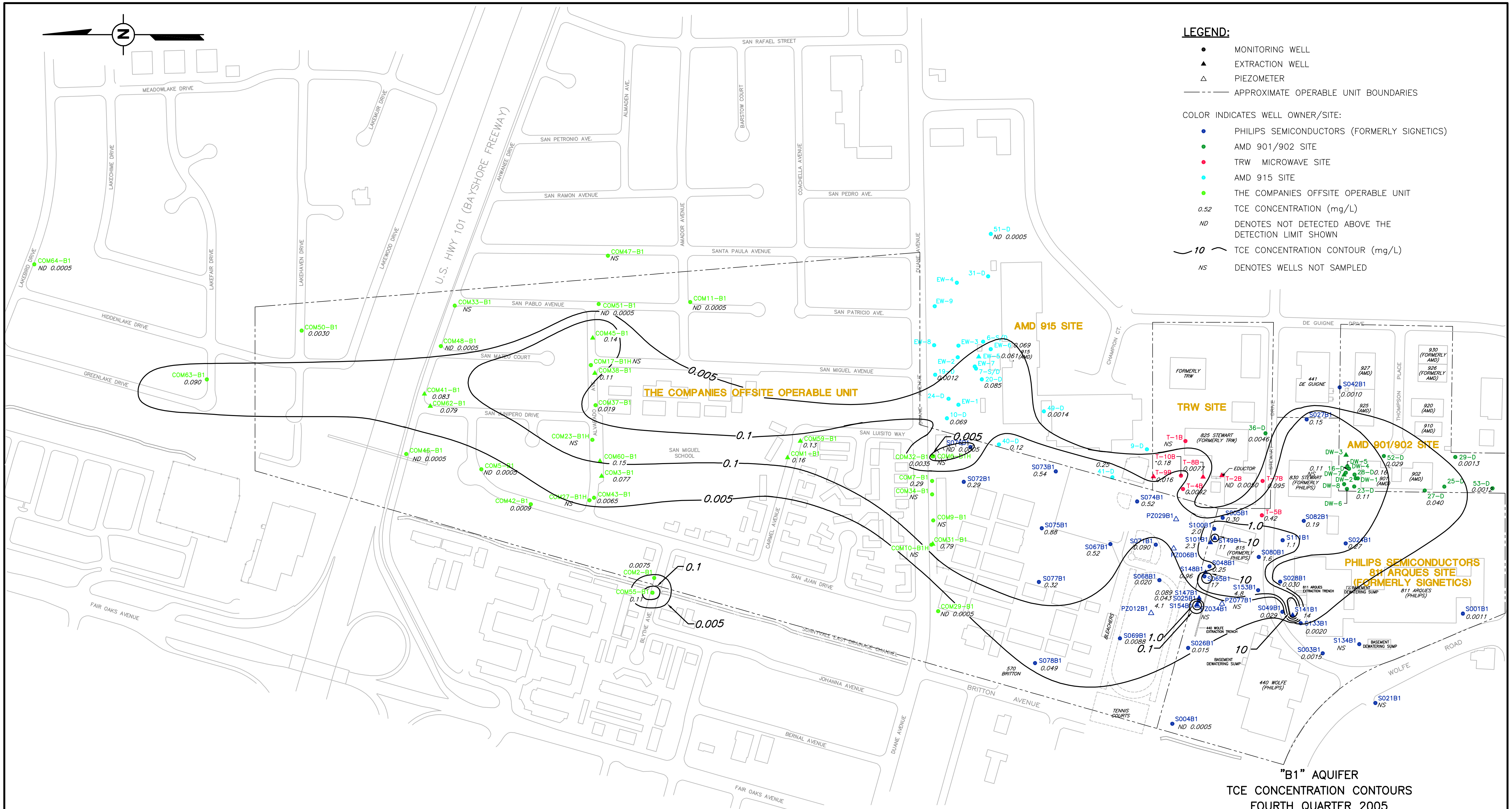
Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO. 99-015-E272

FIGURE 10

K:\99-014\E161.dwg ORIGINALLY CREATED 08-JAN-02



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- —·— APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

- ● PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
- ● AMD 901/902 SITE
- ● TRW MICROWAVE SITE
- ● AMD 915 SITE
- ● THE COMPANIES OFFSITE OPERABLE UNIT

0.52	TCE CONCENTRATION (mg/L)
ND	DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN
—*10*—	TCE CONCENTRATION CONTOUR (mg/L)
NS	DENOTES WELLS NOT SAMPLED

"B1" AQUIFER
TCE CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

**PHILIPS
SEMICONDUCTORS**

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

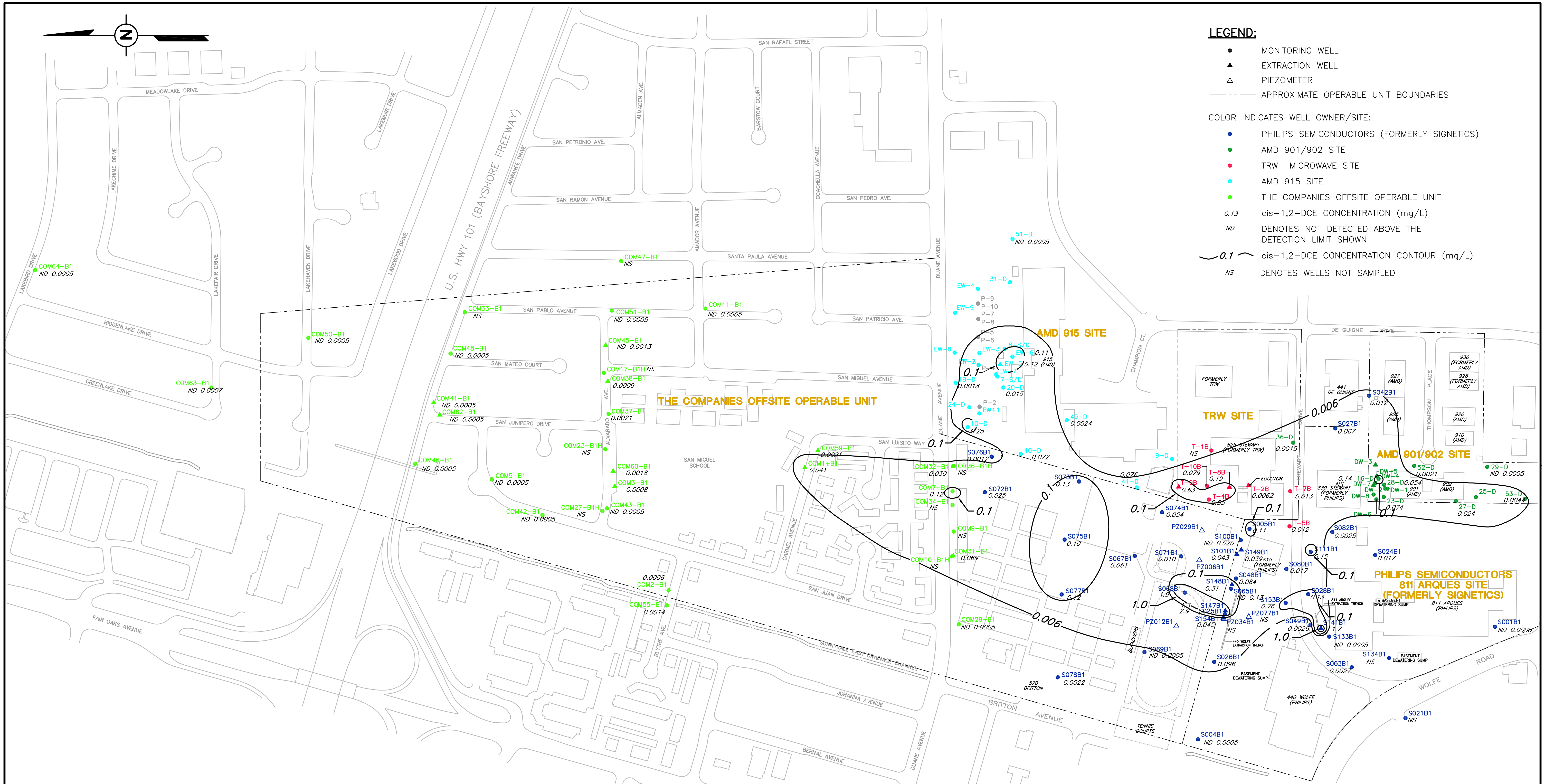
Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO. 99-015-E273

FIGURE 11

K:\99-014\E162.dwg ORIGINALLY CREATED 08-JAN-02



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- —-—- APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

●	PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
●	AMD 901/902 SITE
●	TRW MICROWAVE SITE
●	AMD 915 SITE
●	THE COMPANIES OFFSITE OPERABLE UNIT
0.13	cis-1,2-DCE CONCENTRATION (mg/L)
ND	DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN
⁀0.1⁀	cis-1,2-DCE CONCENTRATION CONTOUR (mg/L)
NS	DENOTES WELLS NOT SAMPLED

"B1" AQUIFER
cis-1,2-DCE CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

△		ISSUED FOR REPORT	RHR	RHR	JWH
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY

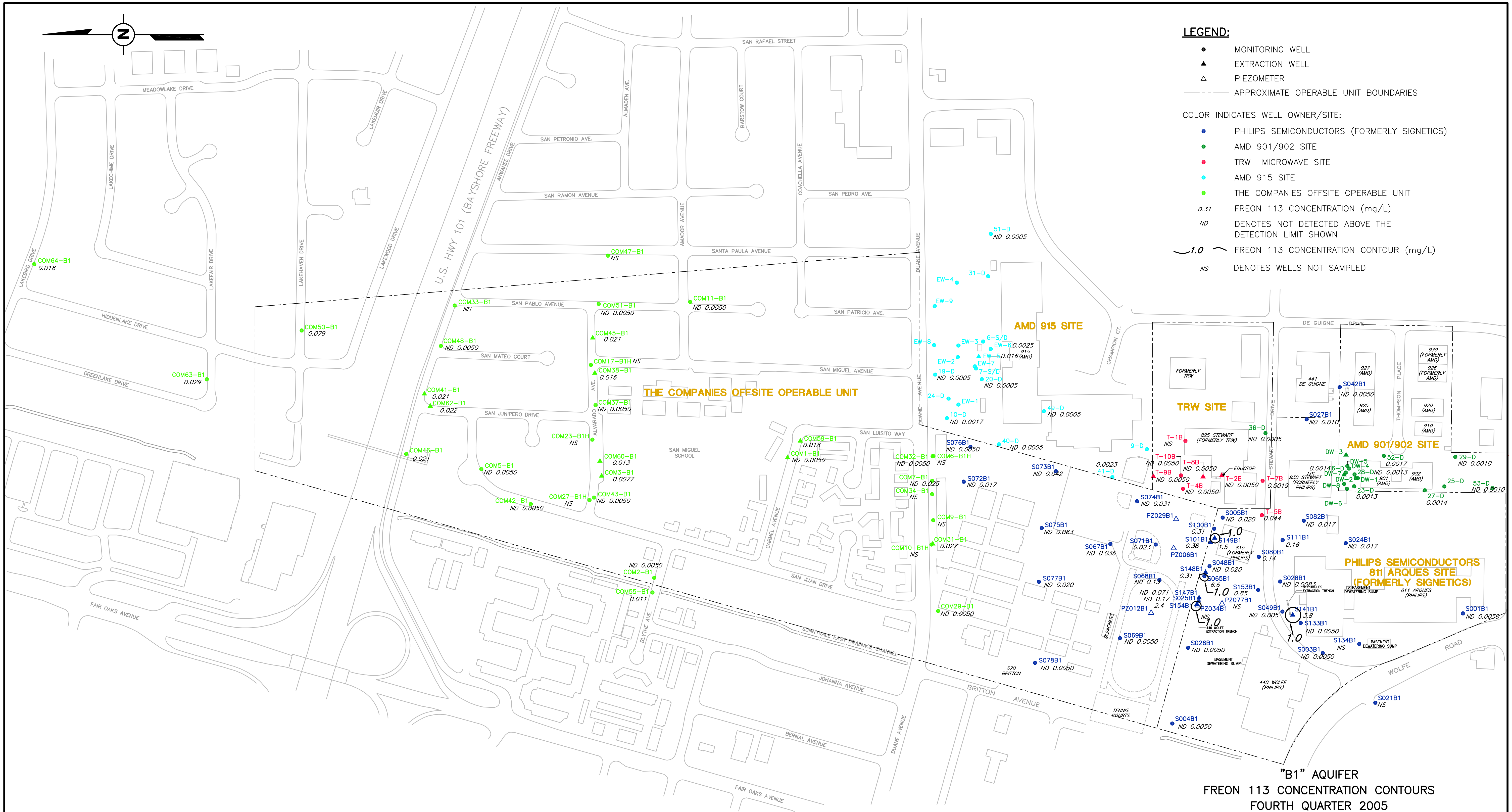
Locus TECHNOLOGIES

SCALE IN FEET

0 150 450

DRAWING NO.	99-015-E274
FIGURE 12	

K:\99-014\E162.dwg ORIGINALLY CREATED 08-JAN-02



LEGEND:

●	MONITORING WELL
▲	EXTRACTION WELL
△	PIEZOMETER
— - —	APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

●	PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
●	AMD 901/902 SITE
●	TRW MICROWAVE SITE
●	AMD 915 SITE
●	THE COMPANIES OFFSITE OPERABLE UNIT
0.31	FREON 113 CONCENTRATION (mg/L)
ND	DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN
1.0 ⁀	FREON 113 CONCENTRATION CONTOUR (mg/L)
NS	DENOTES WELLS NOT SAMPLED

"B1" AQUIFER
FREON 113 CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:
1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

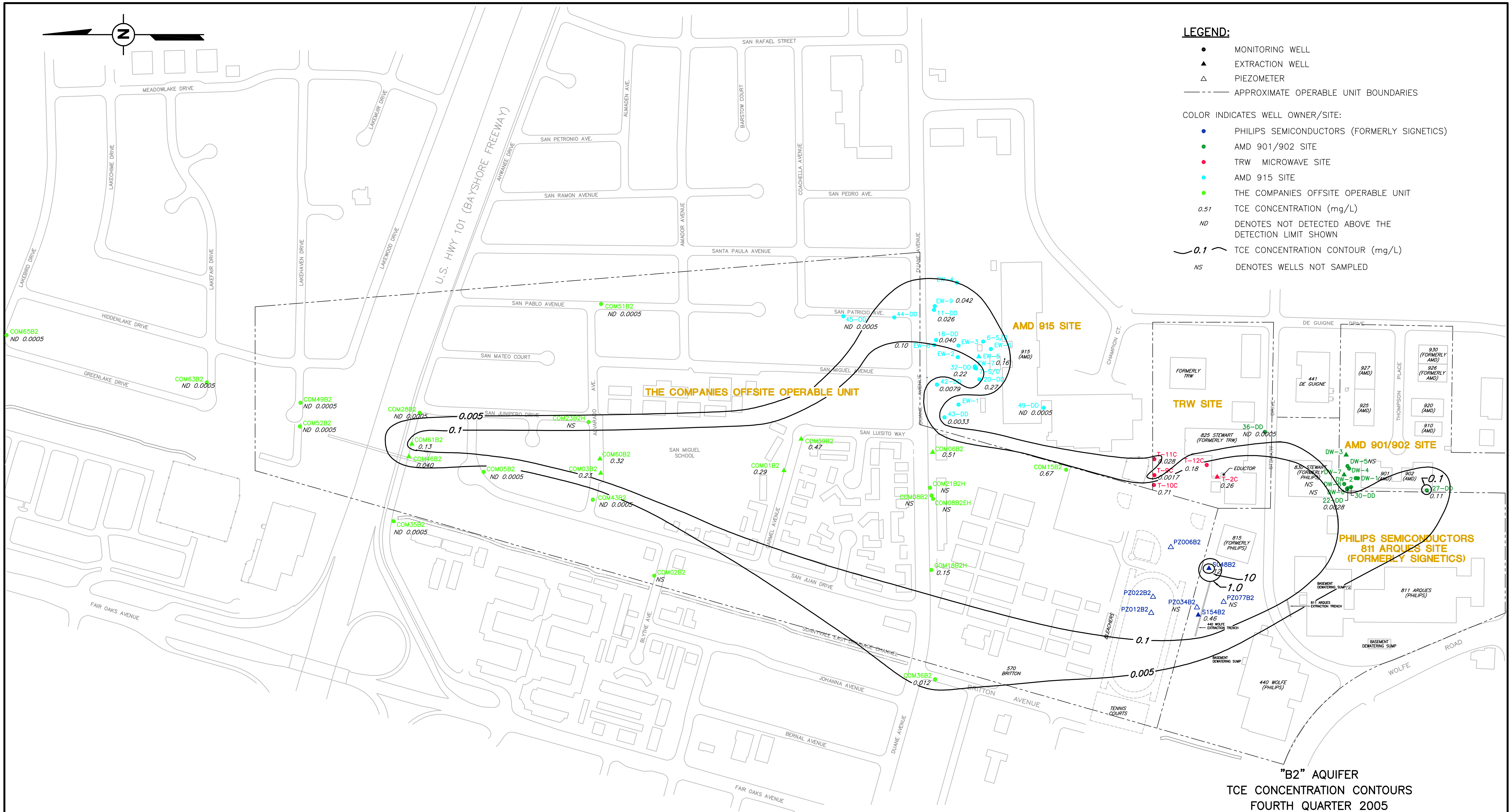
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO.	99-015-E275
	FIGURE 13

K:\99-014\E162.dwg ORIGINALLY CREATED 08-JAN-02



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- — - — APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

- ● PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
- ● AMD 901/902 SITE
- ● TRW MICROWAVE SITE
- ● AMD 915 SITE
- ● THE COMPANIES OFFSITE OPERABLE UNIT

0.51	TCE CONCENTRATION (mg/L)
ND	DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN
0.1	TCE CONCENTRATION CONTOUR (mg/L)
NS	DENOTES WELLS NOT SAMPLED

"B2" AQUIFER
TCE CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

Locus TECHNOLOGIES

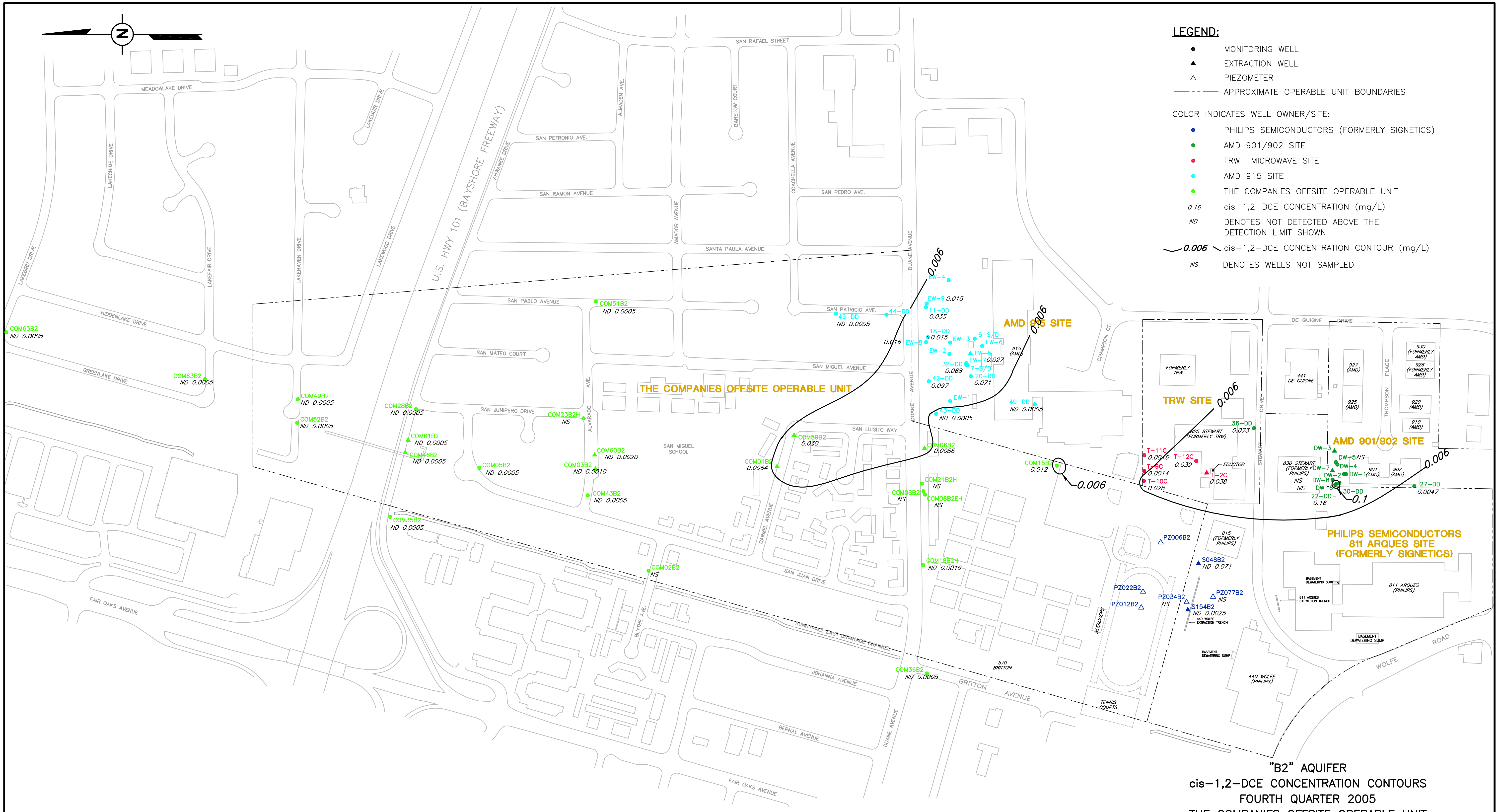
SCALE IN FEET

0 150 450

DRAWING NO. 99-015-E276

FIGURE 14

K:\99-014\E163.dwg ORIGINALLY CREATED 08-JAN-02



LEGEND:

●	MONITORING WELL
▲	EXTRACTION WELL
△	PIEZOMETER
— - —	APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

●	PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
●	AMD 901/902 SITE
●	TRW MICROWAVE SITE
●	AMD 915 SITE
●	THE COMPANIES OFFSITE OPERABLE UNIT
0.16	cis-1,2-DCE CONCENTRATION (mg/L)
ND	DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN
0.006	cis-1,2-DCE CONCENTRATION CONTOUR (mg/L)
NS	DENOTES WELLS NOT SAMPLED

"B2" AQUIFER
cis-1,2-DCE CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

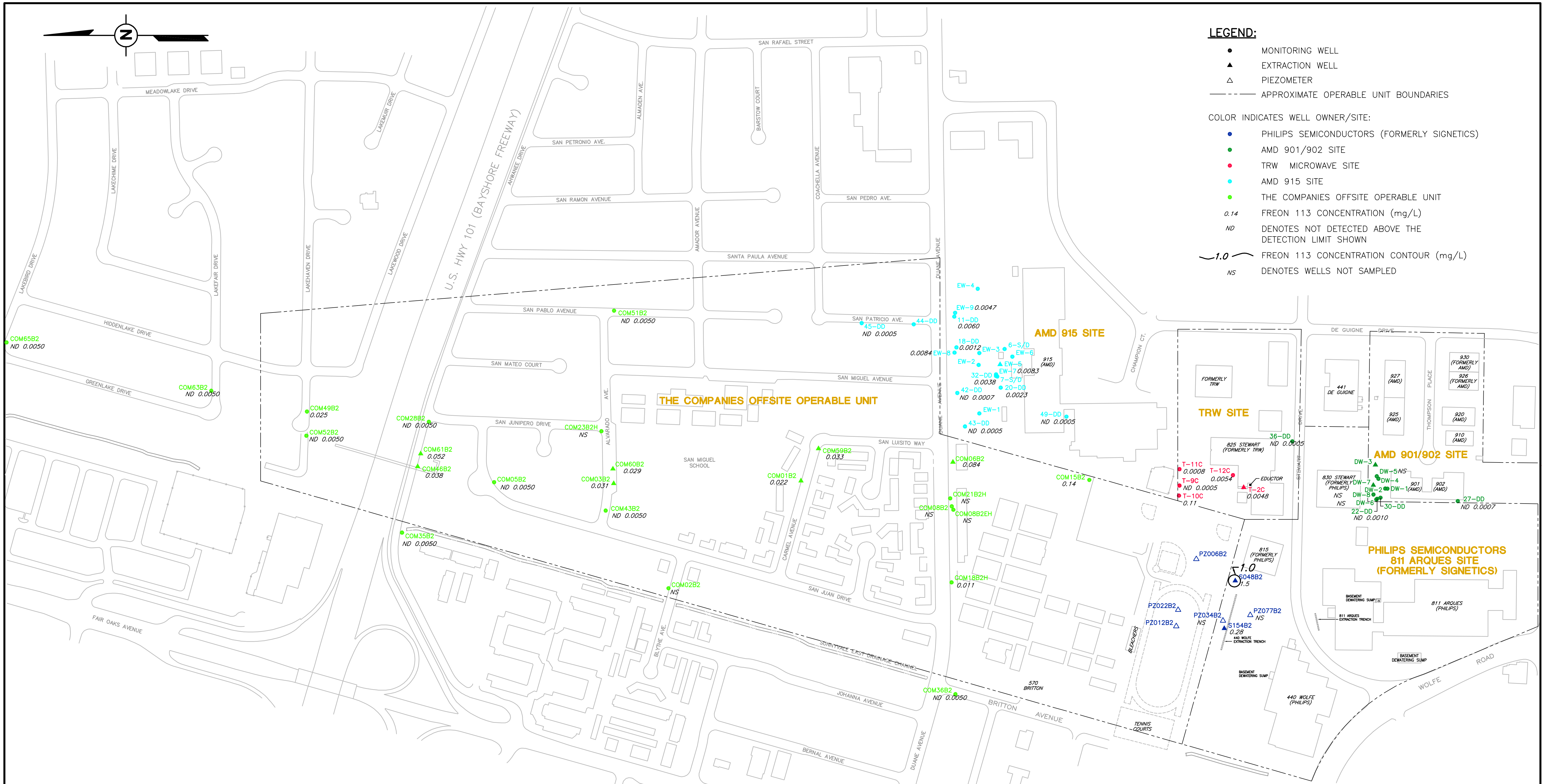
Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO. 99-015-E277

FIGURE 15

K:\99-014\E163.dwg ORIGINALLY CREATED 08-JAN-02



"B2" AQUIFER
FREON 113 CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:
1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

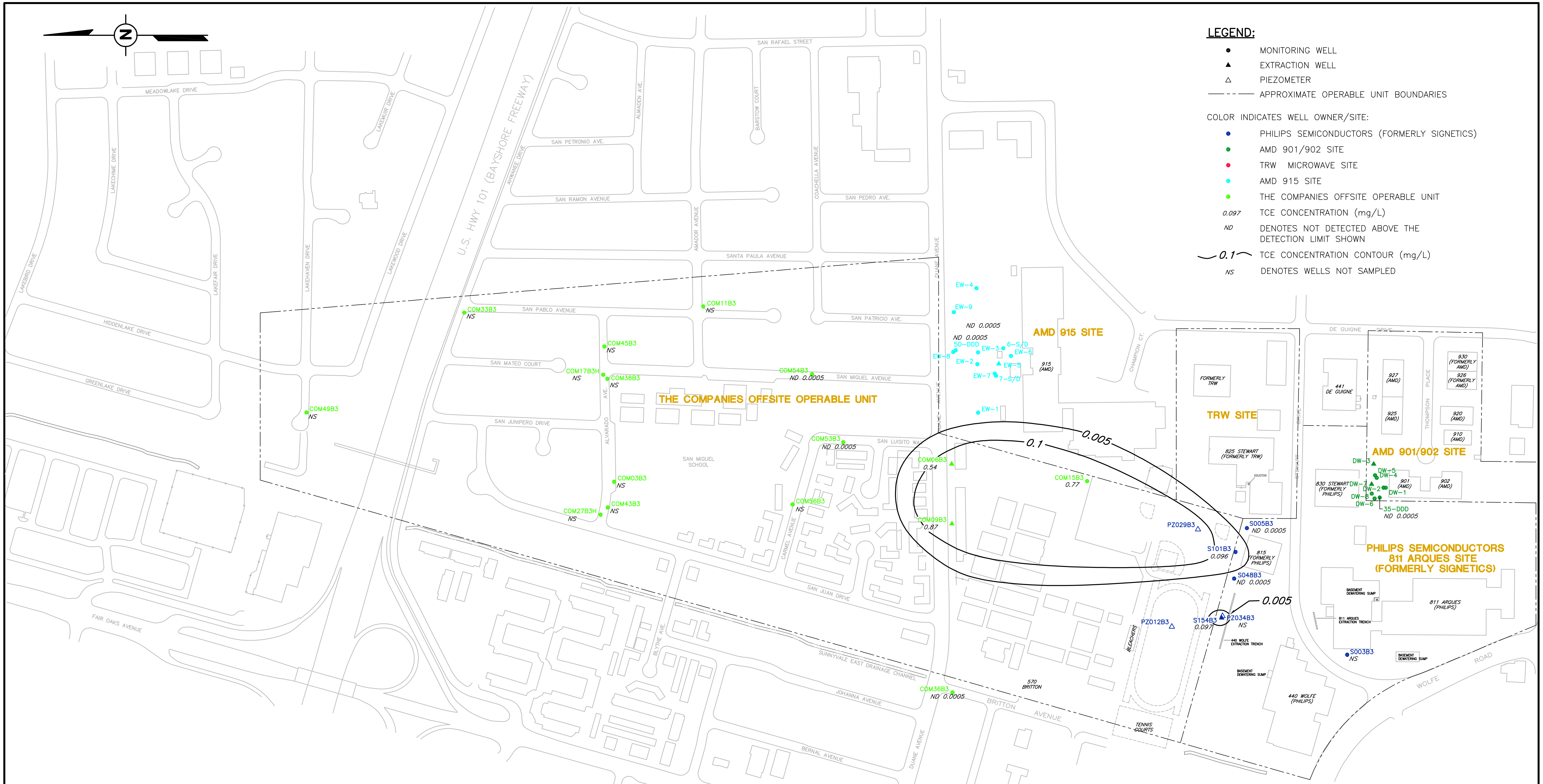
Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO. 99-015-E278

FIGURE 16

K:\99-014\E163.dwg ORIGINALLY CREATED 08-JAN-02



LEGEND:

●	MONITORING WELL
▲	EXTRACTION WELL
△	PIEZOMETER
— - —	APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

●	PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
●	AMD 901/902 SITE
●	TRW MICROWAVE SITE
●	AMD 915 SITE
●	THE COMPANIES OFFSITE OPERABLE UNIT
0.097	TCE CONCENTRATION (mg/L)
ND	DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN
~ *0.1* ~	TCE CONCENTRATION CONTOUR (mg/L)
NS	DENOTES WELLS NOT SAMPLED

"B3" AQUIFER
TCE CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:
1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

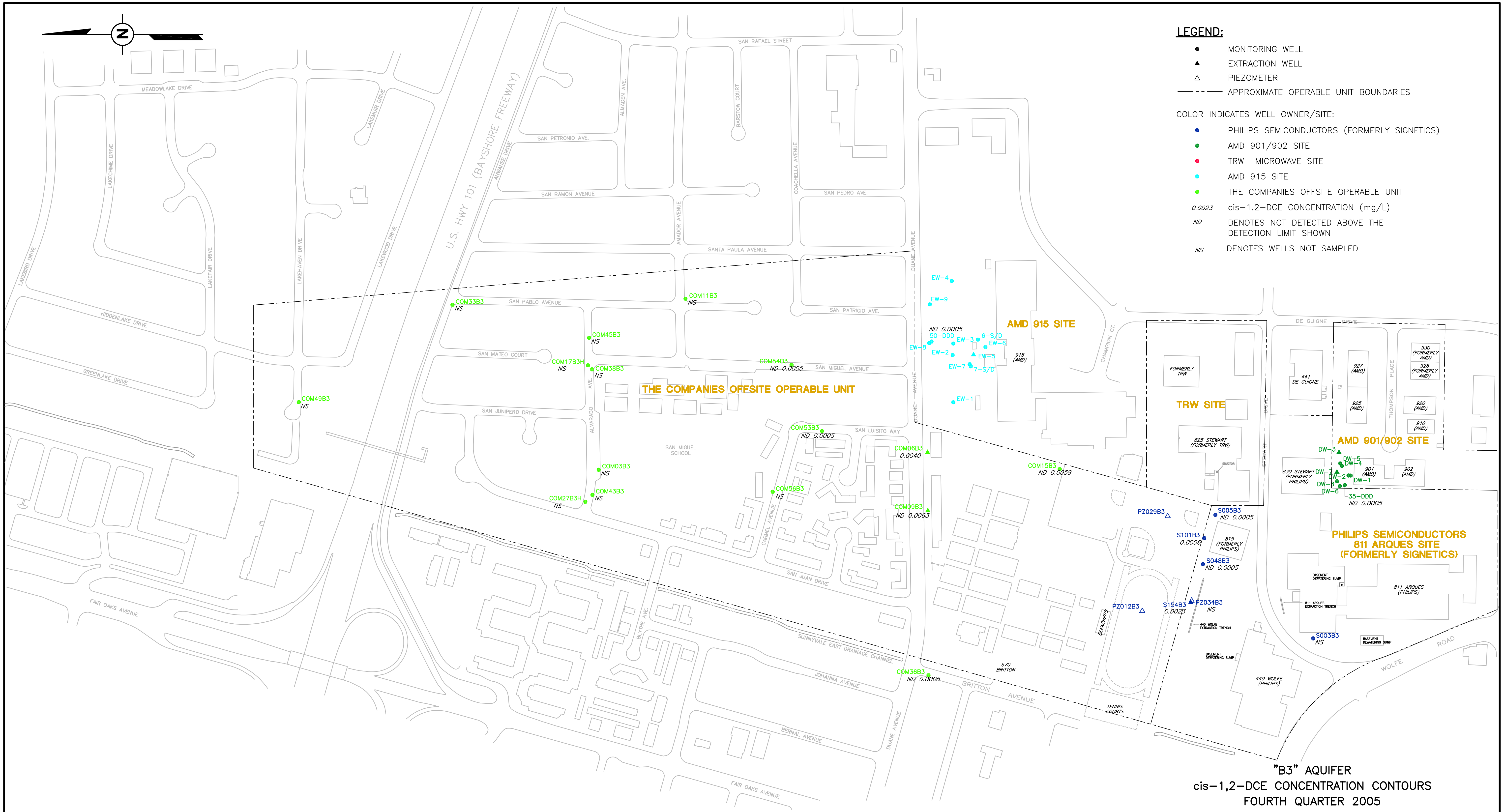
Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO. 99-015-E279

FIGURE 17

K:\99-014\E164.dwg ORIGINALLY CREATED 08-JAN-02



LEGEND:

●	MONITORING WELL
▲	EXTRACTION WELL
△	PIEZOMETER
— - —	APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

●	PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
●	AMD 901/902 SITE
●	TRW MICROWAVE SITE
●	AMD 915 SITE
●	THE COMPANIES OFFSITE OPERABLE UNIT
0.0023	cis-1,2-DCE CONCENTRATION (mg/L)
ND	DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN
NS	DENOTES WELLS NOT SAMPLED

"B3" AQUIFER
cis-1,2-DCE CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

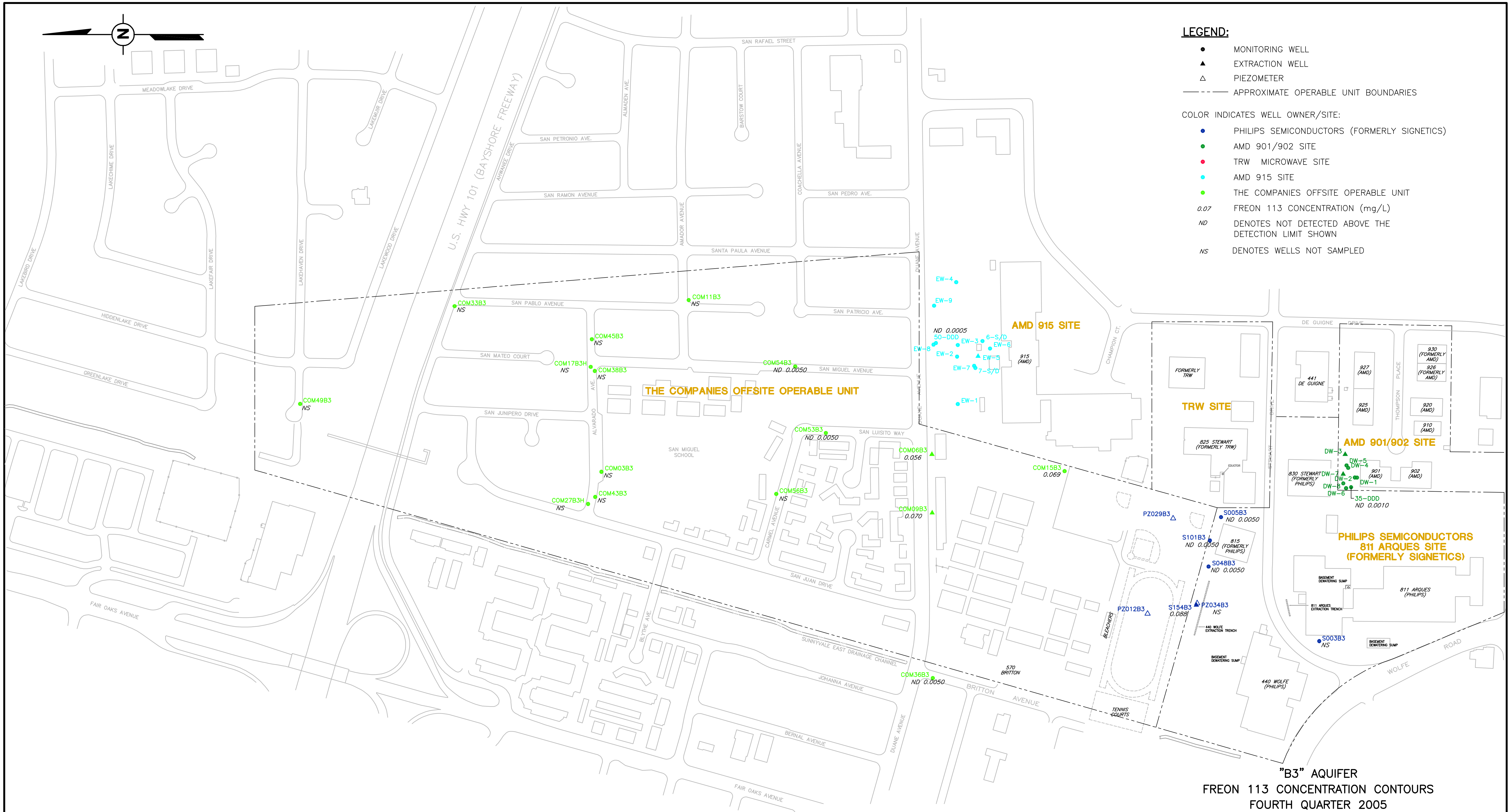
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO.	99-015-E280
	FIGURE 18

K:\99-014\E164.dwg ORIGINALLY CREATED 08-JAN-02



LEGEND:

●	MONITORING WELL
▲	EXTRACTION WELL
△	PIEZOMETER
— - —	APPROXIMATE OPERABLE UNIT BOUNDARIES

COLOR INDICATES WELL OWNER/SITE:

●	PHILIPS SEMICONDUCTORS (FORMERLY SIGNETICS)
●	AMD 901/902 SITE
●	TRW MICROWAVE SITE
●	AMD 915 SITE
●	THE COMPANIES OFFSITE OPERABLE UNIT
0.07	FREON 113 CONCENTRATION (mg/L)
ND	DENOTES NOT DETECTED ABOVE THE DETECTION LIMIT SHOWN
NS	DENOTES WELLS NOT SAMPLED

"B3" AQUIFER
FREON 113 CONCENTRATION CONTOURS
FOURTH QUARTER 2005
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS SEMICONDUCTORS

REFERENCES:

1. BASE MAP FROM KIER AND WRIGHT, NOVEMBER 1997.
2. EMCON DRAWING NO. EXGWE-A, FEBRUARY 1998.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	RHR	RHR	JWH

Locus TECHNOLOGIES

SCALE IN FEET
0 150 450

DRAWING NO. 99-015-E281

FIGURE 19

K:\99-014\E164.dwg ORIGINALLY CREATED 08-JAN-02

APPENDIX A

HISTORICAL GROUNDWATER ELEVATIONS

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM01A	12/1/1988	N	16.84	15.43	
COM01A	3/1/1989	N	16.63	15.64	
COM01A	4/1/1989	N	16.97	15.3	
COM01A	8/1/1989	N	16.89	15.38	
COM01A	10/1/1989	N	15.23	17.04	
COM01A	1/1/1990	N	15.41	16.86	
COM01A	4/1/1990	N	14.35	17.92	
COM01A	7/1/1990	N	13.64	18.63	
COM01A	10/1/1990	N	14.06	18.21	
COM01A	1/1/1991	N	17.97	14.3	
COM01A	4/1/1991	N	18.79	13.48	
COM01A	7/1/1991	N	18.42	13.85	
COM01A	10/7/1991	N	17.31	14.96	
COM01A	1/6/1992	N	17.58	14.69	
COM01A	4/6/1992	N	20.49	11.78	
COM01A	7/6/1992	N	19.1	13.17	
COM01A	10/5/1992	N	19.18	13.09	
COM01A	1/4/1993	N	20.32	11.95	
COM01A	4/5/1993	N	22.56	9.71	
COM01A	7/6/1993	N	20	12.27	
COM01A	10/4/1993	N	19.65	12.62	
COM01A	1/3/1994	N	18.2	14.07	
COM01A	4/4/1994	N	19.04	13.23	
COM01A	7/5/1994	N	19.14	13.13	
COM01A	10/3/1994	N	19.76	12.51	
COM01A	1/3/1995	N	18.71	13.56	
COM01A	4/3/1995	N	23.83	8.44	
COM01A	7/10/1995	N	20.52	11.75	
COM01A	10/3/1995	N	20.55	11.72	
COM01A	11/8/1995	N	19.69	12.58	
COM01A	4/1/1996	N	21.38	10.89	
COM01A	10/7/1996	N	18.88	13.39	
COM01A	4/7/1997	N	21.37	10.9	
COM01A	10/13/1997	N	19.07	10.94	
COM01A	4/13/1998	N	22	8.81	
COM01A	10/5/1998	N	19.14	11.67	
COM01A	5/7/1999	N	19.09	11.72	
COM01A	10/11/1999	N	18.53	12.28	
COM01A	4/10/2000	N	20.96	9.85	
COM01A	10/9/2000	N	18.43	12.38	
COM01A	4/9/2001	N	20.21	10.6	
COM01A	10/8/2001	N	19.74	11.07	30.81
COM01A	10/11/2002	N	19.63	11.18	30.81
COM01A	10/9/2003	N	19.41	11.4	30.81
COM01A	10/4/2004	N	19.81	11	30.81
COM01A	10/11/2005	N	20.72	10.09	30.81
COM01B1	10/1/1988	N	19.5	12.29	
COM01B1	12/1/1988	N	9.09	22.7	
COM01B1	3/1/1989	N	6.92	24.87	
COM01B1	4/1/1989	N	15.36	16.43	
COM01B1	8/1/1989	N	15.49	16.3	
COM01B1	10/1/1989	N	5.95	25.84	
COM01B1	1/1/1990	N	2.46	29.33	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM01B1	4/1/1990	N	2.51	29.28	
COM01B1	7/1/1990	N	2.07	29.72	
COM01B1	10/1/1990	N	2.29	29.5	
COM01B1	1/1/1991	N	0.76	31.03	
COM01B1	4/1/1991	N	2.47	29.32	
COM01B1	7/1/1991	N	4.26	27.53	
COM01B1	10/7/1991	N	11.19	20.6	
COM01B1	1/6/1992	N	13.14	18.65	
COM01B1	4/6/1992	N	4.81	26.98	
COM01B1	7/6/1992	N	5.52	26.27	
COM01B1	10/5/1992	N	1.44	30.35	
COM01B1	1/4/1993	N	6.94	24.85	
COM01B1	4/5/1993	N	10.97	20.82	
COM01B1	7/6/1993	N	2.58	29.21	
COM01B1	10/4/1993	N	22.23	9.56	
COM01B1	1/3/1994	N	1.55	30.24	
COM01B1	4/4/1994	N	0.57	31.22	
COM01B1	7/5/1994	N	0.38	31.41	
COM01B1	10/3/1994	N	16.09	15.7	
COM01B1	1/3/1995	N	2.85	28.94	
COM01B1	4/3/1995	N	6.98	24.81	
COM01B1	7/10/1995	N	2.99	28.8	
COM01B1	10/3/1995	N	19.25	12.54	
COM01B1	11/8/1995	N	1.72	30.07	
COM01B1	4/1/1996	N	5.77	26.02	
COM01B1	10/7/1996	N	5.59	26.2	
COM01B1	4/7/1997	N	10.43	21.36	
COM01B1	10/13/1997	N	9.73	20.47	
COM01B1	4/13/1998	N	14.99	15.21	
COM01B1	10/5/1998	N	10.67	19.53	
COM01B1	5/7/1999	N	-1.61	31.81	
COM01B1	10/11/1999	N	0.92	29.3	
COM01B1	4/10/2000	N	-2.61	32.81	
COM01B1	10/9/2000	N	-0.97	31.17	
COM01B1	4/9/2001	N	4.11	26.09	
COM01B1	10/8/2001	N	2.11	28.09	30.2
COM01B1	10/11/2002	N	4.4	25.8	30.2
COM01B1	10/9/2003	N	2.27	27.93	30.2
COM01B1	10/4/2004	N	5.52	24.68	30.2
COM01B1	10/11/2005	N	1.8	28.4	30.2
COM01B2	10/1/1988	N	15.43	16.16	
COM01B2	12/1/1988	N	-0.13	31.72	
COM01B2	8/1/1989	N	-10.02	41.61	
COM01B2	10/1/1989	N	-2.1	33.69	
COM01B2	10/1/1990	N	2	29.59	
COM01B2	1/1/1991	N	-10.55	42.14	
COM01B2	4/1/1991	N	-5.13	36.72	
COM01B2	7/1/1991	N	-10.74	42.33	
COM01B2	10/7/1991	N	-13.24	44.83	
COM01B2	1/6/1992	N	-7.54	39.13	
COM01B2	4/6/1992	N	1.65	29.94	
COM01B2	7/6/1992	N	22.88	8.71	
COM01B2	10/5/1992	N	-8.94	40.53	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM01B2	1/4/1993	N	2.16	29.43	
COM01B2	4/5/1993	N	17.37	14.22	
COM01B2	7/6/1993	Y			
COM01B2	10/4/1993	N	10.47	21.12	
COM01B2	1/3/1994	N	5.39	26.2	
COM01B2	4/4/1994	N	2.63	28.96	
COM01B2	7/5/1994	N	0.37	31.22	
COM01B2	10/3/1994	N	18.89	12.7	
COM01B2	1/3/1995	N	1.12	30.47	
COM01B2	4/3/1995	N	13.47	18.12	
COM01B2	7/10/1995	N	7.81	23.78	
COM01B2	10/3/1995	N	16.41	15.18	
COM01B2	11/8/1995	N	8.49	23.1	
COM01B2	4/1/1996	N	-17.65	49.24	
COM01B2	10/7/1996	N	-7.41	39	
COM01B2	4/7/1997	Y			
COM01B2	10/13/1997	Y			
COM01B2	4/13/1998	N	-19	48.95	
COM01B2	10/6/1998	N	-19.55	49.5	
COM01B2	5/7/1999	N	-18.06	48.01	
COM01B2	10/11/1999	N	-19.84	49.83	
COM01B2	4/10/2000	N	-17.01	46.96	
COM01B2	10/9/2000	N	-19.95	49.9	
COM01B2	4/9/2001	N	-19.82	49.77	
COM01B2	10/8/2001	N	-18.7	48.65	29.95
COM01B2	10/11/2002	N	-19.14	49.09	29.95
COM01B2	10/9/2003	N	-19.6	49.55	29.95
COM01B2	10/4/2004	N	7.05	22.9	29.95
COM01B2	10/11/2005	N	5.35	24.6	29.95
COM01B4	3/1/1989	N	12.21	19.52	
COM01B4	4/1/1989	N	11.7	20.03	
COM01B4	8/1/1989	N	11.24	20.49	
COM01B4	10/1/1989	N	10.19	21.54	
COM01B4	1/1/1990	N	11.25	20.48	
COM01B4	4/1/1990	N	11.91	19.82	
COM01B4	7/1/1990	N	12.28	19.45	
COM01B4	10/1/1990	N	14.8	16.93	
COM01B4	1/1/1991	N	13.68	18.05	
COM01B4	4/1/1991	N	15.44	16.29	
COM01B4	7/1/1991	N	14.51	17.22	
COM01B4	10/7/1991	N	13.62	18.11	
COM01B4	1/6/1992	N	14.75	16.98	
COM01B4	4/6/1992	N	17.6	14.13	
COM01B4	7/6/1992	N	15.78	15.95	
COM01B4	10/5/1992	N	18.36	13.37	
COM01B4	1/4/1993	N	13.82	17.91	
COM01B4	4/5/1993	N	16.56	15.17	
COM01B4	7/6/1993	N	15.83	15.9	
COM01B4	10/4/1993	N	12.61	19.12	
COM01B4	1/3/1994	N	14.3	17.43	
COM01B4	4/4/1994	N	14.84	16.89	
COM01B4	7/5/1994	N	14.93	16.8	
COM01B4	10/3/1994	N	19.26	12.47	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM01B4	1/3/1995	N	15.09	16.64	
COM01B4	4/3/1995	N	19.2	12.53	
COM01B4	7/10/1995	N	17.37	14.36	
COM01B4	10/3/1995	N	18.33	13.4	
COM01B4	11/8/1995	N	16.58	15.15	
COM01B4	4/1/1996	N	18.39	13.34	
COM01B4	10/7/1996	N	15.71	16.02	
COM01B4	4/7/1997	N	19.34	12.39	
COM01B4	10/13/1997	N	17.25	13.44	
COM01B4	4/13/1998	N	21.47	9.22	
COM01B4	10/6/1998	N	19.16	11.53	
COM01B4	5/7/1999	N	19.78	10.91	
COM01B4	10/11/1999	N	19.18	11.51	
COM01B4	4/10/2000	N	18.79	11.9	
COM01B4	10/9/2000	N	16.83	13.86	
COM01B4	4/9/2001	N	18.98	11.71	
COM01B4	10/8/2001	N	16.98	13.71	30.69
COM01B4	10/11/2002	N	21.28	9.41	30.69
COM01B4	10/9/2003	N	20.79	9.9	30.69
COM01B4	10/4/2004	N	21.06	9.63	30.69
COM01B4	10/11/2005	N	22.19	8.5	30.69
COM01B5	4/1/1990	N	19.26	12.51	
COM01B5	7/1/1990	N	18.83	12.94	
COM01B5	10/1/1990	N	19.12	12.65	
COM01B5	1/1/1991	N	19.56	12.21	
COM01B5	4/1/1991	N	21.51	10.26	
COM01B5	7/1/1991	N	20.24	11.53	
COM01B5	10/7/1991	N	19.85	11.92	
COM01B5	1/6/1992	N	21.04	10.73	
COM01B5	4/6/1992	N	23.73	8.04	
COM01B5	7/6/1992	N	21.65	10.12	
COM01B5	10/5/1992	N	22.21	9.56	
COM01B5	1/4/1993	N	21.21	10.56	
COM01B5	4/5/1993	N	23.78	7.99	
COM01B5	7/6/1993	N	23.05	8.72	
COM01B5	10/4/1993	N	20.93	10.84	
COM01B5	1/3/1994	N	23.28	8.49	
COM01B5	4/4/1994	N	24.31	7.46	
COM01B5	7/5/1994	N	24.12	7.65	
COM01B5	10/3/1994	N	23.96	7.81	
COM01B5	1/3/1995	N	24.67	7.1	
COM01B5	4/3/1995	N	27.99	3.78	
COM01B5	7/10/1995	N	27.12	4.65	
COM01B5	10/3/1995	N	27.17	4.6	
COM01B5	11/8/1995	N	26.36	5.41	
COM01B5	4/1/1996	N	27.98	3.79	
COM01B5	10/7/1996	N	25.78	5.99	
COM01B5	4/7/1997	N	29.31	2.46	
COM01B5	10/13/1997	N	26.12	4.31	
COM01B5	4/13/1998	N	29.66	0.77	
COM01B5	10/6/1998	N	28.05	2.38	
COM01B5	5/7/1999	N	29.22	1.21	
COM01B5	10/11/1999	N	28.06	2.37	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM01B5	4/10/2000	N	28.83	1.6	
COM01B5	10/9/2000	N	26.83	3.6	
COM01B5	4/9/2001	N	29.13	1.3	
COM01B5	10/8/2001	N	27.32	3.11	30.43
COM01B5	10/11/2002	N	28.41	2.02	30.43
COM01B5	10/9/2003	N	28.66	1.77	30.43
COM01B5	10/4/2004	N	29.32	1.11	30.43
COM01B5	10/11/2005	N	29.56	0.87	30.43
COM02A	12/1/1988	N	12.71	17.29	
COM02A	3/1/1989	N	13.12	16.88	
COM02A	4/1/1989	N	13.31	16.69	
COM02A	8/1/1989	N	13.26	16.74	
COM02A	10/1/1989	N	12.74	17.26	
COM02A	1/1/1990	N	11.79	18.21	
COM02A	4/1/1990	N	11.62	18.38	
COM02A	7/1/1990	N	12.14	17.86	
COM02A	10/1/1990	N	11.55	18.45	
COM02A	1/1/1991	N	17.09	12.91	
COM02A	4/1/1991	N	19.61	10.39	
COM02A	7/1/1991	N	18.72	11.28	
COM02A	10/7/1991	N	10.15	19.85	
COM02A	1/6/1992	N	16.59	13.41	
COM02A	4/6/1992	N	19.43	10.57	
COM02A	7/6/1992	N	19.47	10.53	
COM02A	10/5/1992	N	18.56	11.44	
COM02A	1/4/1993	N	20.85	9.15	
COM02A	4/5/1993	N	21.11	8.89	
COM02A	7/6/1993	N	19.71	10.29	
COM02A	10/4/1993	N	19.15	10.85	
COM02A	1/3/1994	N	20.14	9.86	
COM02A	4/4/1994	N	20.29	9.71	
COM02A	7/5/1994	N	20.12	9.88	
COM02A	10/3/1994	N	20.19	9.81	
COM02A	1/3/1995	N	20.02	9.98	
COM02A	4/3/1995	N	21.78	8.22	
COM02A	7/10/1995	N	20.21	9.79	
COM02A	10/3/1995	N	20.63	9.37	
COM02A	11/8/1995	N	19.98	10.02	
COM02A	4/1/1996	N	21.06	8.94	
COM02A	10/7/1996	N	19.9	10.1	
COM02A	4/7/1997	N	20.52	9.48	
COM02A	10/13/1997	N	18.85	9.77	
COM02A	4/13/1998	N	19.85	8.77	
COM02A	10/5/1998	N	18.64	9.98	
COM02A	5/7/1999	N	19.05	9.57	
COM02A	10/11/1999	N	18.66	9.96	
COM02A	4/10/2000	N	19.28	9.34	
COM02A	10/9/2000	N	18.52	10.1	
COM02A	4/9/2001	N	19.24	9.38	
COM02A	10/8/2001	N	19.11	9.51	28.62
COM02A	10/11/2002	N	19.31	9.31	28.62
COM02A	10/9/2003	N	19.41	9.21	28.62
COM02A	10/4/2004	N	19.13	9.49	28.62

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM02A	10/11/2005	N	19.51	9.11	28.62
COM02B1	12/1/1988	N	15.36	14.87	
COM02B1	3/1/1989	N	16.11	14.12	
COM02B1	4/1/1989	N	16.19	14.04	
COM02B1	8/1/1989	N	15.45	14.78	
COM02B1	10/1/1989	N	15.07	15.16	
COM02B1	1/1/1990	N	14.43	15.8	
COM02B1	4/1/1990	N	14.1	16.13	
COM02B1	7/1/1990	N	14.84	15.39	
COM02B1	10/1/1990	N	13.48	16.75	
COM02B1	1/1/1991	N	15.82	14.41	
COM02B1	4/1/1991	N	19.36	10.87	
COM02B1	7/1/1991	N	17.98	12.25	
COM02B1	10/7/1991	N	10.38	19.85	
COM02B1	1/6/1992	N	17.37	12.86	
COM02B1	4/6/1992	N	19.6	10.63	
COM02B1	7/6/1992	N	18.9	11.33	
COM02B1	10/5/1992	N	18.04	12.19	
COM02B1	1/4/1993	N	19.88	10.35	
COM02B1	4/5/1993	N	20.89	9.34	
COM02B1	7/6/1993	N	19.17	11.06	
COM02B1	10/4/1993	N	18.09	12.14	
COM02B1	1/3/1994	N	19.06	11.17	
COM02B1	4/4/1994	N	19.4	10.83	
COM02B1	7/5/1994	N	19.55	10.68	
COM02B1	10/3/1994	N	19.86	10.37	
COM02B1	1/3/1995	N	19.55	10.68	
COM02B1	4/3/1995	N	21.39	8.84	
COM02B1	7/10/1995	N	19.63	10.6	
COM02B1	10/3/1995	N	20.34	9.89	
COM02B1	11/8/1995	N	19.19	11.04	
COM02B1	4/1/1996	N	20.41	9.82	
COM02B1	10/7/1996	N	19.06	11.17	
COM02B1	4/7/1997	N	19.94	10.29	
COM02B1	10/13/1997	N	17.89	10.77	
COM02B1	4/13/1998	N	19.28	9.38	
COM02B1	10/5/1998	N	17.75	10.91	
COM02B1	5/7/1999	N	18.3	10.36	
COM02B1	10/11/1999	N	17.99	10.67	
COM02B1	4/10/2000	N	18.68	9.98	
COM02B1	10/9/2000	N	17.71	10.95	
COM02B1	4/9/2001	N	18.68	9.98	
COM02B1	10/8/2001	N	18.56	10.11	28.66
COM02B1	10/11/2002	N	18.76	9.9	28.66
COM02B1	10/9/2003	N	18.58	10.08	28.66
COM02B1	10/4/2004	N	18.81	9.85	28.66
COM02B1	10/11/2005	N	18.79	9.87	28.66
COM02B2	12/1/1988	N	15.18	14.79	
COM02B2	3/1/1989	N	15.61	14.36	
COM02B2	4/1/1989	N	15.66	14.31	
COM02B2	8/1/1989	N	14.96	15.01	
COM02B2	10/1/1989	N	14.35	15.62	
COM02B2	1/1/1990	N	14.14	15.83	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM02B2	4/1/1990	N	14.29	15.68	
COM02B2	7/1/1990	N	14.45	15.52	
COM02B2	10/1/1990	N	13.91	16.06	
COM02B2	1/1/1991	N	15.96	14.01	
COM02B2	4/1/1991	N	18.24	11.73	
COM02B2	7/1/1991	N	16.97	13	
COM02B2	10/7/1991	N	16.97	13	
COM02B2	1/6/1992	N	16.34	13.63	
COM02B2	4/6/1992	N	19.36	10.61	
COM02B2	7/6/1992	N	17.87	12.1	
COM02B2	10/5/1992	N	17.38	12.59	
COM02B2	1/4/1993	N	18.34	11.63	
COM02B2	4/5/1993	N	20.23	9.74	
COM02B2	7/6/1993	N	18.23	11.74	
COM02B2	10/4/1993	N	15.64	14.33	
COM02B2	1/3/1994	N	17.66	12.31	
COM02B2	4/4/1994	N	18.16	11.81	
COM02B2	7/5/1994	N	18.6	11.37	
COM02B2	10/3/1994	N	19.17	10.8	
COM02B2	1/3/1995	N	18.84	11.13	
COM02B2	4/3/1995	N	20.88	9.09	
COM02B2	7/10/1995	N	19.02	10.95	
COM02B2	10/3/1995	N	19.99	9.98	
COM02B2	11/8/1995	N	18.4	11.57	
COM02B2	4/1/1996	N	20.22	9.75	
COM02B2	10/7/1996	N	18.05	11.92	
COM02B2	4/7/1997	N	19.6	10.37	
COM02B2	10/13/1997	N	17.16	11.27	
COM02B2	4/13/1998	N	19.37	9.06	
COM02B2	10/6/1998	N	17.65	10.78	
COM02B2	5/7/1999	N	18.2	10.23	
COM02B2	10/11/1999	N	17.93	10.5	
COM02B2	4/10/2000	N	18.51	9.92	
COM02B2	10/9/2000	N	17.22	11.21	
COM02B2	4/9/2001	N	18.58	9.85	
COM02B2	10/8/2001	N	17.92	10.51	28.43
COM02B2	10/11/2002	N	18.95	9.48	28.43
COM02B2	10/9/2003	N	18.53	9.9	28.43
COM02B2	10/4/2004	N	18.7	9.73	28.43
COM02B2	10/11/2005	N	18.94	9.49	28.43
COM03A	12/1/1988	N	12.71	14.7	
COM03A	3/1/1989	N	13.42	13.99	
COM03A	4/1/1989	N	13.65	13.76	
COM03A	8/1/1989	N	11.38	16.03	
COM03A	10/1/1989	N	10.16	17.25	
COM03A	1/1/1990	N	9.9	17.51	
COM03A	4/1/1990	N	10.46	16.95	
COM03A	7/1/1990	N	9.73	17.68	
COM03A	10/1/1990	N	9.08	18.33	
COM03A	1/1/1991	N	12.1	15.31	
COM03A	4/1/1991	N	13.28	14.13	
COM03A	7/1/1991	N	12.01	15.4	
COM03A	10/7/1991	N	11.81	15.6	

Notes:

All values are in feet.

Locus TECHNOLOGIES

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM03A	1/6/1992	N	10.28	17.13	
COM03A	4/6/1992	N	17.65	9.76	
COM03A	7/6/1992	N	15.55	11.86	
COM03A	10/5/1992	N	15.08	12.33	
COM03A	1/4/1993	N	17.32	10.09	
COM03A	4/5/1993	N	18.92	8.49	
COM03A	7/6/1993	N	16.8	10.61	
COM03A	10/4/1993	N	14.39	13.02	
COM03A	1/3/1994	N	15.92	11.49	
COM03A	4/4/1994	N	16.46	10.95	
COM03A	7/5/1994	Y			
COM03A	10/3/1994	N	17.23	10.18	
COM03A	1/3/1995	N	17.62	9.79	
COM03A	4/3/1995	N	19.54	7.87	
COM03A	7/10/1995	N	17.29	10.12	
COM03A	10/3/1995	N	18.12	9.29	
COM03A	11/8/1995	N	16.82	10.59	
COM03A	4/1/1996	N	18.19	9.22	
COM03A	10/7/1996	N	16.44	10.97	
COM03A	4/7/1997	N	17.44	9.97	
COM03A	10/13/1997	N	15.48	10.72	
COM03A	4/13/1998	N	18.25	7.95	
COM03A	10/5/1998	N	15.94	10.26	
COM03A	5/7/1999	N	16.36	9.84	
COM03A	10/11/1999	N	16.04	10.16	
COM03A	4/10/2000	N	16.93	9.27	
COM03A	10/9/2000	N	15.77	10.43	
COM03A	4/9/2001	N	16.99	9.21	
COM03A	10/8/2001	N	16.56	9.64	26.2
COM03A	10/11/2002	N	17.06	9.14	26.2
COM03A	10/9/2003	N	16.54	9.66	26.2
COM03A	10/4/2004	N	16.43	9.77	26.2
COM03A	10/11/2005	N	16.78	9.42	26.2
COM03B1	10/1/1988	N	16.53	10.14	
COM03B1	12/1/1988	N	3.54	23.13	
COM03B1	3/1/1989	N	2.68	23.99	
COM03B1	4/1/1989	N	1.81	24.86	
COM03B1	8/1/1989	N	-0.52	27.19	
COM03B1	10/1/1989	N	1.22	25.45	
COM03B1	1/1/1990	N	1.34	25.33	
COM03B1	4/1/1990	N	-0.06	26.73	
COM03B1	7/1/1990	N	-0.91	27.58	
COM03B1	10/1/1990	N	9.52	17.15	
COM03B1	1/1/1991	N	11.38	15.29	
COM03B1	4/1/1991	N	-0.26	26.93	
COM03B1	7/1/1991	N	-1.51	28.18	
COM03B1	10/7/1991	N	12.72	13.95	
COM03B1	1/6/1992	N	0.16	26.51	
COM03B1	4/6/1992	N	7.27	19.4	
COM03B1	7/6/1992	N	5.07	21.6	
COM03B1	10/5/1992	N	12.57	14.1	
COM03B1	1/4/1993	N	9.73	16.94	
COM03B1	4/5/1993	N	12.53	14.14	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM03B1	7/6/1993	N	9.02	17.65	
COM03B1	10/4/1993	N	4.19	22.48	
COM03B1	1/3/1994	N	5.27	21.4	
COM03B1	4/4/1994	N	5.24	21.43	
COM03B1	7/5/1994	N	3.53	23.14	
COM03B1	10/3/1994	N	7.6	19.07	
COM03B1	1/3/1995	N	15.75	10.92	
COM03B1	4/3/1995	N	7.95	18.72	
COM03B1	7/10/1995	N	4.43	22.24	
COM03B1	10/3/1995	N	17.59	9.08	
COM03B1	11/8/1995	N	4.6	22.07	
COM03B1	4/1/1996	N	8.97	17.7	
COM03B1	10/7/1996	N	4.9	21.77	
COM03B1	4/7/1997	N	4.07	22.6	
COM03B1	10/13/1997	N	4.58	20.95	
COM03B1	4/13/1998	N	11.53	14	
COM03B1	10/5/1998	N	6.54	18.99	
COM03B1	5/7/1999	N	8.09	17.44	
COM03B1	10/11/1999	Y			
COM03B1	4/10/2000	N	5.03	20.5	
COM03B1	10/9/2000	N	2.27	23.26	
COM03B1	4/9/2001	N	4.58	20.95	
COM03B1	10/8/2001	N	3.32	22.22	25.53
COM03B1	10/11/2002	N	5.19	20.34	25.53
COM03B1	10/9/2003	N	4.39	21.14	25.53
COM03B1	10/4/2004	N	3.56	21.97	25.53
COM03B1	10/11/2005	N	4.11	21.42	25.53
COM03B2	10/1/1988	N	15.59	11.06	
COM03B2	12/1/1988	N	5.76	20.89	
COM03B2	3/1/1989	N	6.21	20.44	
COM03B2	4/1/1989	N	5.54	21.11	
COM03B2	8/1/1989	N	3.46	23.19	
COM03B2	10/1/1989	N	4.79	21.86	
COM03B2	1/1/1990	N	4.15	22.5	
COM03B2	4/1/1990	N	4.67	21.98	
COM03B2	7/1/1990	N	2.37	24.28	
COM03B2	10/1/1990	N	8.04	18.61	
COM03B2	1/1/1991	N	-0.39	27.04	
COM03B2	4/1/1991	N	0.8	25.85	
COM03B2	7/1/1991	N	15.13	11.52	
COM03B2	10/7/1991	N	12.33	14.32	
COM03B2	1/6/1992	N	0.08	26.57	
COM03B2	4/6/1992	N	6.23	20.42	
COM03B2	7/6/1992	N	1.48	25.17	
COM03B2	10/5/1992	N	0.21	26.44	
COM03B2	1/4/1993	N	5.95	20.7	
COM03B2	4/5/1993	N	16.5	10.15	
COM03B2	7/6/1993	N	4.1	22.55	
COM03B2	10/4/1993	N	-0.1	26.75	
COM03B2	1/3/1994	N	0.67	25.98	
COM03B2	4/4/1994	N	-1.08	27.73	
COM03B2	7/5/1994	N	16.03	10.62	
COM03B2	10/3/1994	N	4.77	21.88	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM03B2	1/3/1995	N	14.43	12.22	
COM03B2	4/3/1995	N	2.28	24.37	
COM03B2	7/10/1995	N	-4.37	31.02	
COM03B2	10/3/1995	N	17.03	9.62	
COM03B2	11/8/1995	N	-4.38	31.03	
COM03B2	4/1/1996	N	-0.85	27.5	
COM03B2	10/7/1996	N	-10.12	36.77	
COM03B2	4/7/1997	N	-4.07	30.72	
COM03B2	10/13/1997	N	-7.03	32.06	
COM03B2	4/13/1998	N	6.38	18.65	
COM03B2	10/6/1998	N	2.55	22.48	
COM03B2	5/7/1999	N	2.14	22.89	
COM03B2	10/11/1999	N	4.46	20.58	
COM03B2	4/10/2000	N	5.83	19.2	
COM03B2	10/9/2000	N	2.25	22.78	
COM03B2	4/9/2001	N	3.89	21.14	
COM03B2	10/8/2001	N	10.76	14.28	25.03
COM03B2	10/11/2002	N	6.04	18.99	25.03
COM03B2	10/9/2003	N	10.65	14.38	25.03
COM03B2	10/4/2004	N	2.52	22.51	25.03
COM03B2	10/11/2005	N	-11.73	36.76	25.03
COM03B3	12/1/1988	N	12.62	14.78	
COM03B3	3/1/1989	N	12.72	14.68	
COM03B3	4/1/1989	N	12.94	14.46	
COM03B3	8/1/1989	N	11.91	15.49	
COM03B3	10/1/1989	N	11.74	15.66	
COM03B3	1/1/1990	N	12.04	15.36	
COM03B3	4/1/1990	N	12.43	14.97	
COM03B3	7/1/1990	N	12.27	15.13	
COM03B3	10/1/1990	N	12.47	14.93	
COM03B3	1/1/1991	N	13.44	13.96	
COM03B3	4/1/1991	N	15.67	11.73	
COM03B3	7/1/1991	N	14.49	12.91	
COM03B3	10/7/1991	N	13.55	13.85	
COM03B3	1/6/1992	N	14.23	13.17	
COM03B3	4/6/1992	N	17.06	10.34	
COM03B3	7/6/1992	N	15.61	11.79	
COM03B3	10/5/1992	N	15	12.4	
COM03B3	1/4/1993	N	15.88	11.52	
COM03B3	4/5/1993	N	17.25	10.15	
COM03B3	7/6/1993	N	15.87	11.53	
COM03B3	10/4/1993	N	13.17	14.23	
COM03B3	1/3/1994	N	14.75	12.65	
COM03B3	4/4/1994	N	15.43	11.97	
COM03B3	7/5/1994	N	16.02	11.38	
COM03B3	10/3/1994	N	16.93	10.47	
COM03B3	1/3/1995	N	15.76	11.64	
COM03B3	4/3/1995	N	18.32	9.08	
COM03B3	7/10/1995	N	16.9	10.5	
COM03B3	10/3/1995	N	18.11	9.29	
COM03B3	11/8/1995	N	15.95	11.45	
COM03B3	4/1/1996	N	17.75	9.65	
COM03B3	10/7/1996	N	15.57	11.83	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM03B3	4/7/1997	N	17.96	9.44	
COM03B3	10/13/1997	N	14.93	11.02	
COM03B3	4/13/1998	N	18.27	7.68	
COM03B3	10/6/1998	N	16.04	9.91	
COM03B3	5/7/1999	N	16.91	9.04	
COM03B3	10/11/1999	N	16.51	9.44	
COM03B3	4/10/2000	N	17.2	8.75	
COM03B3	10/9/2000	N	15.45	10.5	
COM03B3	4/9/2001	N	17.15	8.8	
COM03B3	10/8/2001	N	16.25	9.7	25.95
COM03B3	10/11/2002	N	18.04	7.91	25.95
COM03B3	10/9/2003	N	17.64	8.31	25.95
COM03B3	10/4/2004	N	17.17	8.78	25.95
COM03B3	10/11/2005	N	17.76	8.19	25.95
COM04A	12/1/1988	N	17.68	12.14	
COM04A	3/1/1989	N	18.19	11.63	
COM04A	4/1/1989	N	17.8	12.02	
COM04A	8/1/1989	N	15.84	13.98	
COM04A	10/1/1989	N	15.15	14.67	
COM04A	1/1/1990	N	14.27	15.55	
COM04A	4/1/1990	N	16.08	13.74	
COM04A	7/1/1990	N	14.71	15.11	
COM04A	10/1/1990	N	13.81	16.01	
COM04A	1/1/1991	N	14.79	15.03	
COM04A	4/1/1991	N	20.54	9.28	
COM04A	7/1/1991	N	19.07	10.75	
COM04A	10/7/1991	N	18.67	11.15	
COM04A	1/6/1992	N	17.85	11.97	
COM04A	4/6/1992	N	21.67	8.15	
COM04A	7/6/1992	N	18.96	10.86	
COM04A	10/5/1992	N	18.57	11.25	
COM04A	1/4/1993	N	21.41	8.41	
COM04A	4/5/1993	N	23.71	6.11	
COM04A	7/6/1993	N	19.84	9.98	
COM04A	10/4/1993	N	17.37	12.45	
COM04A	1/3/1994	N	18.07	11.75	
COM04A	4/4/1994	N	19.41	10.41	
COM04A	7/5/1994	N	21.27	8.55	
COM04A	10/3/1994	N	19	10.82	
COM04A	1/3/1995	N	20.3	9.52	
COM04A	4/3/1995	N	24.39	5.43	
COM04A	7/10/1995	N	20.45	9.37	
COM04A	10/3/1995	N	20.26	9.56	
COM04A	11/8/1995	N	19.21	10.61	
COM04A	4/1/1996	N	22.2	7.62	
COM04A	10/7/1996	N	18.22	11.6	
COM04A	4/7/1997	N	21.37	8.45	
COM04A	10/13/1997	N	16.55	11.04	
COM04A	4/13/1998	N	21.67	5.92	
COM04A	10/5/1998	N	17.37	10.22	
COM04A	5/7/1999	N	19.25	8.34	
COM04A	10/11/1999	N	17.12	10.47	
COM04A	4/10/2000	N	20.08	7.51	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM04A	10/9/2000	N	16.84	10.75	
COM04A	4/9/2001	N	19.91	7.68	
COM04A	10/8/2001	N	18.67	8.92	27.59
COM04A	10/11/2002	N	17.48	10.11	27.59
COM04A	10/9/2003	N	17.28	10.31	27.59
COM04A	10/4/2004	N	17.49	10.1	27.59
COM04A	10/11/2005	N	17.78	9.81	27.59
COM05A	12/1/1988	N	12.51	14.37	
COM05A	3/1/1989	N	13.28	13.6	
COM05A	4/1/1989	N	13.18	13.7	
COM05A	8/1/1989	N	11.82	15.06	
COM05A	10/1/1989	N	11.52	15.36	
COM05A	1/1/1990	N	11.31	15.57	
COM05A	4/1/1990	N	10.97	15.91	
COM05A	7/1/1990	N	10.67	16.21	
COM05A	10/1/1990	N	9.54	17.34	
COM05A	1/1/1991	N	10.2	16.68	
COM05A	4/1/1991	N	15.96	10.92	
COM05A	7/1/1991	N	12.48	14.4	
COM05A	10/7/1991	N	11.23	15.65	
COM05A	1/6/1992	N	13.43	13.45	
COM05A	4/6/1992	N	16.87	10.01	
COM05A	7/6/1992	N	14.34	12.54	
COM05A	10/5/1992	N	12.53	14.35	
COM05A	1/4/1993	N	16.66	10.22	
COM05A	4/5/1993	N	17.87	9.01	
COM05A	7/6/1993	N	15.93	10.95	
COM05A	10/4/1993	N	12.81	14.07	
COM05A	1/3/1994	N	9.81	17.07	
COM05A	4/4/1994	N	16.22	10.66	
COM05A	7/5/1994	N	16.16	10.72	
COM05A	10/3/1994	N	15.68	11.2	
COM05A	1/3/1995	N	16.52	10.36	
COM05A	4/3/1995	N	18.35	8.53	
COM05A	7/10/1995	N	16.55	10.33	
COM05A	10/3/1995	N	16.93	9.95	
COM05A	11/8/1995	N	15.92	10.96	
COM05A	4/1/1996	N	17.05	9.83	
COM05A	10/7/1996	N	15.64	11.24	
COM05A	4/7/1997	N	16.36	10.52	
COM05A	10/13/1997	N	13.83	11.54	
COM05A	4/13/1998	N	16.18	9.19	
COM05A	10/5/1998	N	14.17	11.2	
COM05A	5/7/1999	N	14.66	10.71	
COM05A	10/11/1999	N	14.37	11	
COM05A	4/10/2000	N	15.12	10.25	
COM05A	10/9/2000	N	14.08	11.29	
COM05A	4/9/2001	N	15.05	10.32	
COM05A	10/8/2001	N	14.56	10.81	25.37
COM05A	10/11/2002	N	14.85	10.52	25.37
COM05A	10/9/2003	N	14.46	10.91	25.37
COM05A	10/4/2004	N	14.61	10.76	25.37
COM05A	10/11/2005	N	14.69	10.68	25.37

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM05B1	12/1/1988	N	11.68	15.33	
COM05B1	3/1/1989	N	12.73	14.28	
COM05B1	4/1/1989	N	12.61	14.4	
COM05B1	8/1/1989	N	10.88	16.13	
COM05B1	10/1/1989	N	10.63	16.38	
COM05B1	1/1/1990	N	10.63	16.38	
COM05B1	4/1/1990	N	10.29	16.72	
COM05B1	7/1/1990	N	9.99	17.02	
COM05B1	10/1/1990	N	9.65	17.36	
COM05B1	1/1/1991	N	10.88	16.13	
COM05B1	4/1/1991	N	15.13	11.88	
COM05B1	7/1/1991	N	12.06	14.95	
COM05B1	10/7/1991	N	10.8	16.21	
COM05B1	1/6/1992	N	12.76	14.25	
COM05B1	4/6/1992	N	16.15	10.86	
COM05B1	7/6/1992	N	13.66	13.35	
COM05B1	10/5/1992	N	11.7	15.31	
COM05B1	1/4/1993	N	15.91	11.1	
COM05B1	4/5/1993	N	17.05	9.96	
COM05B1	7/6/1993	N	14.86	12.15	
COM05B1	10/4/1993	N	11.75	15.26	
COM05B1	1/3/1994	N	14.55	12.46	
COM05B1	4/4/1994	N	15.09	11.92	
COM05B1	7/5/1994	N	15.36	11.65	
COM05B1	10/3/1994	N	15.19	11.82	
COM05B1	1/3/1995	N	15.75	11.26	
COM05B1	4/3/1995	N	17.49	9.52	
COM05B1	7/10/1995	N	15.57	11.44	
COM05B1	10/3/1995	N	16.46	10.55	
COM05B1	11/8/1995	N	14.82	12.19	
COM05B1	4/1/1996	N	16.2	10.81	
COM05B1	10/7/1996	N	14.65	12.36	
COM05B1	4/7/1997	N	15.49	11.52	
COM05B1	10/13/1997	N	13.13	12.68	
COM05B1	4/13/1998	N	15.66	10.15	
COM05B1	10/5/1998	N	13.6	12.21	
COM05B1	5/7/1999	N	14.1	11.71	
COM05B1	10/11/1999	N	13.83	11.98	
COM05B1	4/10/2000	N	14.68	11.13	
COM05B1	10/9/2000	N	13.51	12.3	
COM05B1	4/9/2001	N	14.63	11.18	
COM05B1	10/8/2001	N	14.22	11.59	25.81
COM05B1	10/11/2002	N	14.57	11.24	25.81
COM05B1	10/9/2003	N	14.06	11.75	25.81
COM05B1	10/4/2004	N	14.13	11.68	25.81
COM05B1	10/11/2005	N	14.26	11.55	25.81
COM05B2	12/1/1988	N	11.27	15.45	
COM05B2	3/1/1989	N	12.31	14.41	
COM05B2	4/1/1989	N	12.57	14.15	
COM05B2	8/1/1989	N	10.74	15.98	
COM05B2	10/1/1989	N	10.38	16.34	
COM05B2	1/1/1990	N	10.36	16.36	
COM05B2	4/1/1990	N	10.44	16.28	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM05B2	7/1/1990	N	10.2	16.52	
COM05B2	10/1/1990	N	8.65	18.07	
COM05B2	1/1/1991	N	10.76	15.96	
COM05B2	4/1/1991	N	14.98	11.74	
COM05B2	7/1/1991	N	12.6	14.12	
COM05B2	10/7/1991	N	11.55	15.17	
COM05B2	1/6/1992	N	12.45	14.27	
COM05B2	4/6/1992	N	15.57	11.15	
COM05B2	7/6/1992	N	13.56	13.16	
COM05B2	10/5/1992	N	11.58	15.14	
COM05B2	1/4/1993	N	14.12	12.6	
COM05B2	4/5/1993	N	15.9	10.82	
COM05B2	7/6/1993	N	13.2	13.52	
COM05B2	10/4/1993	N	10.61	16.11	
COM05B2	1/3/1994	N	12.44	14.28	
COM05B2	4/4/1994	N	13.28	13.44	
COM05B2	7/5/1994	N	14.27	12.45	
COM05B2	10/3/1994	N	15.44	11.28	
COM05B2	1/3/1995	N	14.92	11.8	
COM05B2	4/3/1995	N	16.43	10.29	
COM05B2	7/10/1995	N	13.9	12.82	
COM05B2	10/3/1995	N	16.58	10.14	
COM05B2	11/8/1995	N	13.18	13.54	
COM05B2	4/1/1996	N	15.12	11.6	
COM05B2	10/7/1996	N	13.09	13.63	
COM05B2	4/7/1997	N	14.44	12.28	
COM05B2	10/13/1997	N	11.52	13.8	
COM05B2	4/13/1998	N	14.28	11.04	
COM05B2	10/6/1998	N	11.94	13.38	
COM05B2	5/7/1999	N	12.44	12.88	
COM05B2	10/11/1999	N	12.38	12.94	
COM05B2	4/10/2000	N	13.6	11.72	
COM05B2	10/9/2000	N	11.84	13.48	
COM05B2	4/9/2001	N	13.54	11.78	
COM05B2	10/8/2001	N	13.24	12.08	25.32
COM05B2	10/11/2002	N	14.02	11.3	25.32
COM05B2	10/9/2003	N	12.95	12.37	25.32
COM05B2	10/4/2004	N	12.8	12.52	25.32
COM05B2	10/11/2005	N	13.12	12.2	25.32
COM06A	10/1/1988	N	22.45	12.99	
COM06A	4/1/1989	N	20.63	14.81	
COM06A	10/1/1989	N	20.42	15.02	
COM06A	4/1/1990	N	20.64	14.8	
COM06A	10/1/1990	N	16.11	19.33	
COM06A	1/1/1991	N	19.38	16.06	
COM06A	7/1/1991	N	18.79	16.65	
COM06A	10/7/1991	N	18.58	16.86	
COM06A	1/6/1992	Y			
COM06A	4/6/1992	N	21.3	14.14	
COM06A	7/6/1992	Y			
COM06A	10/5/1992	N	21.84	13.6	
COM06A	1/4/1993	N	21.03	14.41	
COM06A	4/5/1993	N	17.87	17.57	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM06A	7/6/1993	N	18.7	16.74	
COM06A	10/4/1993	N	19.29	16.15	
COM06A	1/3/1994	N	19.07	16.37	
COM06A	4/4/1994	Y			
COM06A	7/5/1994	N	20.54	14.9	
COM06A	10/3/1994	Y			
COM06A	1/3/1995	N	19.54	15.9	
COM06A	4/3/1995	Y			
COM06A	7/10/1995	N	19.06	16.38	
COM06A	10/3/1995	Y			
COM06A	11/8/1995	N	19.82	15.62	
COM06A	4/1/1996	N	20.39	15.05	
COM06A	10/7/1996	N	20.29	15.15	
COM06A	4/7/1997	N	20.45	14.99	
COM06A	10/13/1997	N	18.97	14.83	
COM06A	4/13/1998	N	23.67	10.13	
COM06A	10/5/1998	N	19.02	14.78	
COM06A	5/7/1999	N	17.7	16.1	
COM06A	10/11/1999	N	18.67	15.14	
COM06A	4/10/2000	N	22.05	11.75	
COM06A	10/9/2000	N	18.77	15.03	
COM06A	4/9/2001	N	18.79	15.01	
COM06A	10/8/2001	N	21.35	12.44	33.8
COM06A	10/11/2002	N	21.17	12.63	33.8
COM06A	10/9/2003	N	21.11	12.69	33.8
COM06A	10/4/2004	N	22.21	11.59	33.8
COM06A	10/11/2005	N	23.6	10.2	33.8
COM06AEH	4/6/1992	N	21.38	13.24	
COM06AEH	7/6/1992	Y			
COM06AEH	10/5/1992	N	21.78	12.84	
COM06AEH	1/4/1993	N	20.97	13.65	
COM06AEH	4/5/1993	N	21.46	13.16	
COM06AEH	7/6/1993	Y			
COM06AEH	10/4/1993	N	20.03	14.59	
COM06AEH	1/3/1994	Y			
COM06AEH	4/4/1994	N	20.06	14.56	
COM06AEH	7/5/1994	Y			
COM06AEH	10/3/1994	N	20.57	14.05	
COM06AEH	1/3/1995	Y			
COM06AEH	4/3/1995	N	23.26	11.36	
COM06AEH	7/10/1995	N	21.1	13.52	
COM06AEH	10/3/1995	N	20.6	14.02	
COM06AEH	11/8/1995	N	20.69	13.93	
COM06AEH	4/1/1996	N	21.81	12.81	
COM06AEH	10/7/1996	N	20.63	13.99	
COM06AEH	4/7/1997	N	22.06	12.56	
COM06AEH	10/13/1997	N	19.47	13.7	
COM06AEH	4/13/1998	N	23.6	9.57	
COM06AEH	10/5/1998	N	20.04	13.13	
COM06AEH	5/7/1999	N	20.09	13.08	
COM06AEH	10/11/1999	N	19.65	13.52	
COM06AEH	4/10/2000	N	22.28	10.89	
COM06AEH	10/9/2000	N	19.59	13.58	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM06AEH	4/9/2001	N	20.97	12.2	
COM06AEH	10/8/2001	N	21.35	11.82	33.17
COM06AEH	10/11/2002	N	21.33	11.84	33.17
COM06AEH	10/9/2003	N	21.44	11.73	33.17
COM06AEH	10/4/2004	N	21.66	11.51	33.17
COM06AEH	10/11/2005	N	22.83	10.34	33.17
COM06B1H	1/6/1992	N	16.05	18.37	
COM06B1H	4/6/1992	N	18.97	15.45	
COM06B1H	7/6/1992	N	16.97	17.45	
COM06B1H	10/5/1992	N	19.6	14.82	
COM06B1H	1/4/1993	N	16.1	18.32	
COM06B1H	4/5/1993	N	19.19	15.23	
COM06B1H	7/6/1993	N	16.89	17.53	
COM06B1H	10/4/1993	N	15.51	18.91	
COM06B1H	1/3/1994	N	15.27	19.15	
COM06B1H	4/4/1994	N	16.04	18.38	
COM06B1H	7/5/1994	N	16.15	18.27	
COM06B1H	10/3/1994	N	20.06	14.36	
COM06B1H	1/3/1995	N	15.8	18.62	
COM06B1H	4/3/1995	N	19.79	14.63	
COM06B1H	7/10/1995	N	17.69	16.73	
COM06B1H	10/3/1995	N	17.04	17.38	
COM06B1H	11/8/1995	N	16.39	18.03	
COM06B1H	4/1/1996	N	18.03	16.39	
COM06B1H	10/7/1996	N	15.57	18.85	
COM06B1H	4/7/1997	N	18.49	15.93	
COM06B1H	10/13/1997	N	16.12	16.99	
COM06B1H	4/13/1998	N	20.18	12.93	
COM06B1H	10/5/1998	N	16.99	16.12	
COM06B1H	5/7/1999	N	16.95	16.16	
COM06B1H	10/11/1999	N	16.64	16.48	
COM06B1H	4/10/2000	N	17.89	15.22	
COM06B1H	10/9/2000	N	15.55	17.56	
COM06B1H	4/9/2001	N	17.58	15.53	
COM06B1H	10/8/2001	N	16.57	16.54	33.11
COM06B1H	10/11/2002	N	17.06	16.05	33.11
COM06B1H	10/9/2003	N	17.72	15.39	33.11
COM06B1H	10/4/2004	N	18.79	14.32	33.11
COM06B1H	10/11/2005	N	19.6	13.51	33.11
COM06B2	10/1/1988	N	8.55	26.99	
COM06B2	12/1/1988	N	7.46	28.08	
COM06B2	4/1/1989	N	7.13	28.41	
COM06B2	8/1/1989	N	13.19	22.35	
COM06B2	10/1/1989	N	3.57	31.97	
COM06B2	1/1/1990	N	2.73	32.81	
COM06B2	4/1/1990	N	6.17	29.37	
COM06B2	7/1/1990	N	4.03	31.51	
COM06B2	10/1/1990	N	4.98	30.56	
COM06B2	1/1/1991	N	3.76	31.78	
COM06B2	4/1/1991	N	11.04	24.5	
COM06B2	7/1/1991	N	8.23	27.31	
COM06B2	10/7/1991	N	6.09	29.45	
COM06B2	1/6/1992	N	6.79	28.75	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM06B2	4/6/1992	N	9.63	25.91	
COM06B2	7/6/1992	N	6.52	29.02	
COM06B2	10/5/1992	N	15.33	20.21	
COM06B2	1/4/1993	N	1.39	34.15	
COM06B2	4/5/1993	N	8.31	27.23	
COM06B2	7/6/1993	N	5.55	29.99	
COM06B2	10/4/1993	N	2.19	33.35	
COM06B2	1/3/1994	N	0.44	35.1	
COM06B2	4/4/1994	N	-0.3	35.84	
COM06B2	7/5/1994	N	-0.15	35.69	
COM06B2	10/3/1994	N	21.15	14.39	
COM06B2	1/3/1995	N	-1.64	37.18	
COM06B2	4/3/1995	N	2.49	33.05	
COM06B2	7/10/1995	N	0.28	35.26	
COM06B2	10/3/1995	N	-2.38	37.92	
COM06B2	11/8/1995	N	0.21	35.33	
COM06B2	4/1/1996	N	1.45	34.09	
COM06B2	10/7/1996	N	-2.6	38.14	
COM06B2	4/7/1997	N	0.41	35.13	
COM06B2	10/13/1997	N	-1.53	35.43	
COM06B2	4/13/1998	N	5.67	28.23	
COM06B2	10/6/1998	N	0.27	33.63	
COM06B2	5/7/1999	N	1.57	32.33	
COM06B2	10/11/1999	N	1.89	32.04	
COM06B2	4/10/2000	N	-0.37	34.27	
COM06B2	10/9/2000	N	-3.56	37.46	
COM06B2	4/9/2001	N	0.53	33.37	
COM06B2	10/8/2001	N	-2.76	36.66	33.9
COM06B2	10/11/2002	N	-4.03	37.93	33.9
COM06B2	10/9/2003	N	-6.12	40.02	33.9
COM06B2	10/4/2004	N	-4.45	38.35	33.9
COM06B2	10/11/2005	N	-4.95	38.85	33.9
COM06B3	10/1/1988	N	-10.99	46.5	
COM06B3	12/1/1988	N	-8.04	43.55	
COM06B3	3/1/1989	N	-25.39	60.9	
COM06B3	4/1/1989	N	-1.95	37.46	
COM06B3	8/1/1989	N	3.26	32.25	
COM06B3	10/1/1989	N	-31.3	66.81	
COM06B3	1/1/1990	N	-30.05	65.56	
COM06B3	4/1/1990	N	-30.25	65.76	
COM06B3	7/1/1990	N	10.18	25.33	
COM06B3	10/1/1990	N	10.62	24.89	
COM06B3	1/1/1991	N	11.28	24.23	
COM06B3	4/1/1991	N	-4.38	39.89	
COM06B3	7/1/1991	N	-2.54	38.05	
COM06B3	10/7/1991	N	-3.92	39.43	
COM06B3	1/6/1992	N	-2.47	37.98	
COM06B3	4/6/1992	N	1.72	33.79	
COM06B3	7/6/1992	N	11.64	23.87	
COM06B3	10/5/1992	N	21.57	13.94	
COM06B3	1/4/1993	N	-15.65	51.16	
COM06B3	4/5/1993	N	-17.83	53.34	
COM06B3	7/6/1993	N	-9.93	45.44	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM06B3	10/4/1993	N	-16.11	51.62	
COM06B3	1/3/1994	N	-13.46	48.97	
COM06B3	4/4/1994	N	-17.93	53.44	
COM06B3	7/5/1994	N	-20.36	55.87	
COM06B3	10/3/1994	N	21.99	13.52	
COM06B3	1/3/1995	N	11.12	24.39	
COM06B3	4/3/1995	N	-7.13	42.64	
COM06B3	7/10/1995	N	-12.81	48.32	
COM06B3	10/3/1995	N	9.16	26.35	
COM06B3	11/8/1995	N	-9.79	45.3	
COM06B3	4/1/1996	N	-4.15	39.66	
COM06B3	10/7/1996	N	-9.16	44.67	
COM06B3	4/7/1997	N	-5.46	40.97	
COM06B3	10/13/1997	N	-3.71	37.61	
COM06B3	4/13/1998	N	7.48	26.42	
COM06B3	10/6/1998	N	1.78	32.12	
COM06B3	5/7/1999	N	3.29	30.61	
COM06B3	10/11/1999	N	4.24	29.68	
COM06B3	4/10/2000	N	-5.98	39.88	
COM06B3	10/9/2000	N	-9.38	43.28	
COM06B3	4/9/2001	N	-8.22	42.12	
COM06B3	10/8/2001	N	-17.85	51.75	33.9
COM06B3	10/11/2002	N	16.1	17.8	33.9
COM06B3	10/9/2003	N	12.76	21.14	33.9
COM06B3	10/4/2004	N	14.25	19.65	33.9
COM06B3	10/11/2005	N	16.48	17.42	33.9
COM06B4	10/1/1988	N	-10.82	46.15	
COM06B4	12/1/1988	N	5.88	29.45	
COM06B4	3/1/1989	N	-1.28	36.61	
COM06B4	4/1/1989	N	0.24	35.09	
COM06B4	8/1/1989	N	-0.41	35.74	
COM06B4	10/1/1989	N	-29.92	65.25	
COM06B4	1/1/1990	N	-31.35	66.68	
COM06B4	7/1/1990	N	-31.64	66.97	
COM06B4	10/1/1990	N	-31.02	66.35	
COM06B4	1/1/1991	N	-32.51	67.84	
COM06B4	4/1/1991	N	-32.01	67.34	
COM06B4	7/1/1991	N	-12.54	47.87	
COM06B4	10/7/1991	N	-17.99	53.32	
COM06B4	1/6/1992	N	-13.89	49.22	
COM06B4	4/6/1992	N	-26.21	61.54	
COM06B4	7/6/1992	N	-32.67	68	
COM06B4	10/5/1992	N	21.7	13.63	
COM06B4	1/4/1993	N	-28.02	63.35	
COM06B4	4/5/1993	N	-32.19	67.52	
COM06B4	7/6/1993	N	-20.87	56.2	
COM06B4	10/4/1993	N	-30.92	66.25	
COM06B4	4/4/1994	Y			
COM06B4	7/5/1994	N	-32.69	68.02	
COM06B4	10/3/1994	N	21.69	13.64	
COM06B4	1/3/1995	N	-24.42	59.75	
COM06B4	4/3/1995	N	-16.25	51.58	
COM06B4	7/10/1995	N	-23.87	59.2	

Notes:

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM06B4	10/3/1995	N	-14.65	49.98	
COM06B4	11/8/1995	N	-18.62	53.95	
COM06B4	4/1/1996	N	-12.51	47.84	
COM06B4	10/7/1996	N	-17.11	52.44	
COM06B4	4/7/1997	N	-12.59	47.92	
COM06B4	10/13/1997	N	21.98	11.78	
COM06B4	4/13/1998	N	10.3	23.46	
COM06B4	10/6/1998	N	0.28	33.48	
COM06B4	5/7/1999	N	-2.09	35.85	
COM06B4	10/11/1999	N	-14.64	48.44	
COM06B4	4/10/2000	N	-14.51	48.27	
COM06B4	10/9/2000	N	-16.21	49.97	
COM06B4	4/9/2001	N	-16.23	49.99	
COM06B4	10/8/2001	N	-27.84	61.6	33.76
COM06B4	10/11/2002	N	-32.57	66.33	33.76
COM06B4	10/9/2003	N	-32.41	66.17	33.76
COM06B4	10/4/2004	N	-28.63	62.39	33.76
COM06B4	10/11/2005	N	-34.76	68.52	33.76
COM07B1	12/1/1988	N	21.08	14.43	
COM07B1	3/1/1989	N	20.79	14.72	
COM07B1	4/1/1989	N	19.95	15.56	
COM07B1	8/1/1989	N	18.91	16.6	
COM07B1	1/1/1990	N	18.14	17.37	
COM07B1	4/1/1990	N	17.78	17.73	
COM07B1	7/1/1990	N	17.06	18.45	
COM07B1	10/1/1990	N	17.89	17.62	
COM07B1	1/1/1991	N	17.47	18.04	
COM07B1	4/1/1991	N	18.79	16.72	
COM07B1	7/1/1991	N	17.94	17.57	
COM07B1	10/7/1991	N	17.34	18.17	
COM07B1	1/6/1992	N	18.33	17.18	
COM07B1	4/6/1992	N	20.4	15.11	
COM07B1	7/6/1992	N	18.98	16.53	
COM07B1	10/5/1992	N	22.38	13.13	
COM07B1	1/4/1993	N	19.12	16.39	
COM07B1	4/5/1993	N	21.66	13.85	
COM07B1	7/6/1993	N	19.84	15.67	
COM07B1	10/4/1993	N	18.81	16.7	
COM07B1	1/3/1994	N	18.9	16.61	
COM07B1	4/4/1994	N	19.36	16.15	
COM07B1	7/5/1994	N	19.37	16.14	
COM07B1	10/3/1994	N	21.37	14.14	
COM07B1	1/3/1995	N	19.57	15.94	
COM07B1	4/3/1995	N	23.73	11.78	
COM07B1	7/10/1995	N	20.92	14.59	
COM07B1	10/3/1995	N	20.34	15.17	
COM07B1	11/8/1995	N	19.91	15.6	
COM07B1	4/1/1996	N	21.41	14.1	
COM07B1	10/7/1996	N	19.09	16.42	
COM07B1	4/7/1997	N	22.28	13.23	
COM07B1	10/13/1997	N	18.03	14.87	
COM07B1	4/13/1998	N	22.42	10.48	
COM07B1	10/5/1998	N	18.91	13.99	

Notes:
All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM07B1	5/7/1999	N	18.88	14.02	
COM07B1	10/11/1999	N	18.7	14.2	
COM07B1	4/10/2000	N	20.17	12.73	
COM07B1	10/9/2000	N	18.12	15.01	
COM07B1	4/9/2001	N	20.32	12.81	
COM07B1	10/8/2001	N	19.58	13.55	33.13
COM07B1	10/11/2002	N	22.95	12.7	35.65
COM07B1	10/9/2003	N	22.76	12.89	35.65
COM07B1	10/4/2004	N	23.76	11.89	35.65
COM07B1	10/11/2005	N	24.54	11.11	35.65
COM08A	10/1/1988	N	22.78	13.63	
COM08A	12/1/1988	N	23.1	13.31	
COM08A	3/1/1989	N	22.79	13.62	
COM08A	4/1/1989	N	20.48	15.93	
COM08A	8/1/1989	N	20.64	15.77	
COM08A	10/1/1989	N	9.2	27.21	
COM08A	1/1/1990	N	20.75	15.66	
COM08A	4/1/1990	N	17.74	18.67	
COM08A	7/1/1990	N	18.5	17.91	
COM08A	10/1/1990	N	18.75	17.66	
COM08A	10/7/1991	N	17.47	18.94	
COM08A	1/6/1992	N	18.54	17.87	
COM08A	4/6/1992	N	17.1	19.31	
COM08A	7/6/1992	N	18.46	17.95	
COM08A	10/5/1992	N	22.72	13.69	
COM08A	1/4/1993	N	21.16	15.25	
COM08A	4/5/1993	N	20.66	15.75	
COM08A	7/6/1993	N	18.56	17.85	
COM08A	10/4/1993	N	20.21	16.2	
COM08A	1/3/1994	N	18.13	18.28	
COM08A	4/4/1994	N	18.16	18.25	
COM08A	7/5/1994	N	17.56	18.85	
COM08A	10/3/1994	N	20.75	15.66	
COM08A	1/3/1995	N	17.61	18.8	
COM08A	4/3/1995	N	18.53	17.88	
COM08A	7/10/1995	N	18.26	18.15	
COM08A	10/3/1995	N	16.79	19.62	
COM08A	11/8/1995	N	18.14	18.27	
COM08A	4/1/1996	N	20.61	15.8	
COM08A	10/7/1996	N	19.34	17.07	
COM08A	4/7/1997	N	22.65	13.76	
COM08A	10/13/1997	N	18.36	16.03	
COM08A	4/13/1998	N	18.14	16.25	
COM08A	10/5/1998	Y			
COM08A	5/7/1999	Y			
COM08A	10/11/1999	Y			
COM08A	4/10/2000	N	18.71	15.68	
COM08A	10/9/2000	N	19.09	15.3	
COM08A	4/9/2001	N	17.35	17.04	
COM08A	10/8/2001	N	20.3	14.08	34.39
COM08A	10/11/2002	N	25.14	9.25	34.39
COM08A	10/9/2003	N	28.74	5.65	34.39
COM08A	10/4/2004	N	19.19	15.2	34.39

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM08A	10/11/2005	N	19.99	14.4	34.39
COM08B2	12/1/1988	N	13.92	21.27	
COM08B2	3/1/1989	N	15.91	19.28	
COM08B2	4/1/1989	N	16.09	19.1	
COM08B2	8/1/1989	N	14.68	20.51	
COM08B2	10/1/1989	N	13.04	22.15	
COM08B2	1/1/1990	N	13.39	21.8	
COM08B2	4/1/1990	N	13.57	21.62	
COM08B2	7/1/1990	N	12.89	22.3	
COM08B2	10/1/1990	N	16.52	18.67	
COM08B2	1/1/1991	N	15.28	19.91	
COM08B2	4/1/1991	N	15.27	19.92	
COM08B2	7/1/1991	N	14.75	20.44	
COM08B2	10/7/1991	N	14.25	20.94	
COM08B2	1/6/1992	N	15.37	19.82	
COM08B2	4/6/1992	N	16.99	18.2	
COM08B2	7/6/1992	N	15.79	19.4	
COM08B2	10/5/1992	N	21.3	13.89	
COM08B2	1/4/1993	N	14.8	20.39	
COM08B2	4/5/1993	N	17.1	18.09	
COM08B2	7/6/1993	N	15.93	19.26	
COM08B2	10/4/1993	N	14.23	20.96	
COM08B2	1/3/1994	N	14.43	20.76	
COM08B2	4/4/1994	N	14.79	20.4	
COM08B2	7/5/1994	N	14.77	20.42	
COM08B2	10/3/1994	N	20.44	14.75	
COM08B2	1/3/1995	N	15	20.19	
COM08B2	4/3/1995	N	19.35	15.84	
COM08B2	7/10/1995	N	16.76	18.43	
COM08B2	10/3/1995	N	16.46	18.73	
COM08B2	11/8/1995	N	15.74	19.45	
COM08B2	4/1/1996	N	17.7	17.49	
COM08B2	10/7/1996	N	15.34	19.85	
COM08B2	4/7/1997	N	18.37	16.82	
COM08B2	10/13/1997	N	15.33	17.76	
COM08B2	4/13/1998	N	19.59	13.5	
COM08B2	10/6/1998	N	17.24	15.85	
COM08B2	5/7/1999	N	16.31	16.78	
COM08B2	10/11/1999	N	15.89	17.21	
COM08B2	4/10/2000	N	16.38	16.71	
COM08B2	10/9/2000	N	14.75	18.34	
COM08B2	4/9/2001	N	16.68	16.41	
COM08B2	10/8/2001	N	15.22	17.87	33.09
COM08B2	10/11/2002	N	17.33	15.76	33.09
COM08B2	10/9/2003	N	17.55	15.54	33.09
COM08B2	10/4/2004	N	18.55	14.54	33.09
COM08B2	10/11/2005	N	19.67	13.42	33.09
COM08B2EH	1/6/1992	N	14.07	21.06	
COM08B2EH	4/6/1992	N	22.23	12.9	
COM08B2EH	7/6/1992	N	14.79	20.34	
COM08B2EH	10/5/1992	N	20.69	14.44	
COM08B2EH	1/4/1993	N	14.2	20.93	
COM08B2EH	4/5/1993	N	15.96	19.17	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM08B2EH	7/6/1993	N	14.74	20.39	
COM08B2EH	10/4/1993	N	12.91	22.22	
COM08B2EH	1/3/1994	N	13.42	21.71	
COM08B2EH	4/4/1994	N	13.32	21.81	
COM08B2EH	7/5/1994	N	13.19	21.94	
COM08B2EH	10/3/1994	N	20.01	15.12	
COM08B2EH	1/3/1995	N	13.66	21.47	
COM08B2EH	4/3/1995	N	17.68	17.45	
COM08B2EH	7/10/1995	N	15.07	20.06	
COM08B2EH	10/3/1995	N	14.76	20.37	
COM08B2EH	11/8/1995	N	14.06	21.07	
COM08B2EH	4/1/1996	N	16.14	18.99	
COM08B2EH	10/7/1996	N	13.67	21.46	
COM08B2EH	4/7/1997	N	16.77	18.36	
COM08B2EH	10/13/1997	N	14.34	19.11	
COM08B2EH	4/13/1998	N	19.51	13.94	
COM08B2EH	10/6/1998	N	16.13	17.32	
COM08B2EH	5/7/1999	N	16.21	17.24	
COM08B2EH	10/11/1999	N	15.83	17.63	
COM08B2EH	4/10/2000	N	16.26	17.19	
COM08B2EH	10/9/2000	N	14.72	18.73	
COM08B2EH	4/9/2001	N	16.64	16.81	
COM08B2EH	10/8/2001	N	15.28	18.17	33.45
COM08B2EH	10/11/2002	N	17.33	16.12	33.45
COM08B2EH	10/9/2003	N	17.47	15.98	33.45
COM08B2EH	10/4/2004	N	18.45	15	33.45
COM08B2EH	10/11/2005	N	19.53	13.92	33.45
COM08B4	12/1/1988	N	5.69	30.12	
COM08B4	3/1/1989	N	2.44	33.37	
COM08B4	4/1/1989	N	-0.44	36.25	
COM08B4	8/1/1989	N	-0.04	35.85	
COM08B4	10/1/1989	N	0.02	35.79	
COM08B4	1/1/1990	N	5.95	29.86	
COM08B4	4/1/1990	N	1.74	34.07	
COM08B4	7/1/1990	N	11.72	24.09	
COM08B4	10/1/1990	N	16.1	19.71	
COM08B4	1/1/1991	N	16.27	19.54	
COM08B4	4/1/1991	N	9.06	26.75	
COM08B4	7/1/1991	N	9.52	26.29	
COM08B4	10/7/1991	N	8.36	27.45	
COM08B4	1/6/1992	N	9.26	26.55	
COM08B4	4/6/1992	N	12.1	23.71	
COM08B4	7/6/1992	N	13.34	22.47	
COM08B4	10/5/1992	N	22.86	12.95	
COM08B4	1/4/1993	N	3.76	32.05	
COM08B4	4/5/1993	N	4.42	31.39	
COM08B4	7/6/1993	N	7.1	28.71	
COM08B4	10/4/1993	N	2.17	33.64	
COM08B4	1/3/1994	N	4.9	30.91	
COM08B4	4/4/1994	N	3.58	32.23	
COM08B4	7/5/1994	N	2.79	33.02	
COM08B4	10/3/1994	N	22.86	12.95	
COM08B4	1/3/1995	N	13.41	22.4	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM08B4	4/3/1995	N	10.61	25.2	
COM08B4	7/10/1995	N	6.98	28.83	
COM08B4	10/3/1995	N	6.82	28.99	
COM08B4	11/8/1995	N	7.99	27.82	
COM08B4	4/1/1996	N	11.66	24.15	
COM08B4	10/7/1996	N	8.1	27.71	
COM08B4	4/7/1997	N	12.29	23.52	
COM08B4	10/13/1997	N	11.49	22.23	
COM08B4	4/13/1998	Y			
COM08B4	10/6/1998	N	15.91	17.81	
COM08B4	5/7/1999	N	15.15	18.57	
COM08B4	10/11/1999	N	14.96	18.77	
COM08B4	4/10/2000	N	10.3	23.42	
COM08B4	10/9/2000	N	8.37	25.35	
COM08B4	4/9/2001	N	10.23	23.49	
COM08B4	10/8/2001	N	5.72	28	33.72
COM08B4	10/11/2002	N	20.1	13.62	33.72
COM08B4	10/9/2003	N	19.04	14.68	33.72
COM08B4	10/4/2004	N	19.91	13.81	33.72
COM08B4	10/11/2005	N	21.81	11.91	33.72
COM09B1	12/1/1988	N	22.22	14.06	
COM09B1	3/1/1989	N	19.99	16.29	
COM09B1	4/1/1989	N	18.97	17.31	
COM09B1	8/1/1989	N	16.32	19.96	
COM09B1	10/1/1989	N	14.18	22.1	
COM09B1	1/1/1990	N	14.51	21.77	
COM09B1	4/1/1990	N	14.08	22.2	
COM09B1	7/1/1990	N	13.54	22.74	
COM09B1	10/1/1990	N	17.24	19.04	
COM09B1	1/1/1991	N	17.22	19.06	
COM09B1	4/1/1991	N	14.58	21.7	
COM09B1	7/1/1991	N	14	22.28	
COM09B1	10/7/1991	N	13.47	22.81	
COM09B1	1/6/1992	N	14.28	22	
COM09B1	4/6/1992	N	14.66	21.62	
COM09B1	7/6/1992	N	14.42	21.86	
COM09B1	10/5/1992	N	21.8	14.48	
COM09B1	1/4/1993	N	14.19	22.09	
COM09B1	4/5/1993	N	16.03	20.25	
COM09B1	7/6/1993	N	15.37	20.91	
COM09B1	10/4/1993	N	13.34	22.94	
COM09B1	1/3/1994	N	14.13	22.15	
COM09B1	4/4/1994	N	14.08	22.2	
COM09B1	7/5/1994	N	13.87	22.41	
COM09B1	10/3/1994	N	22.14	14.14	
COM09B1	1/3/1995	N	15.76	20.52	
COM09B1	4/3/1995	N	19.87	16.41	
COM09B1	7/10/1995	N	16.7	19.58	
COM09B1	10/3/1995	N	15.16	21.12	
COM09B1	11/8/1995	N	15.99	20.29	
COM09B1	4/1/1996	N	18.4	17.88	
COM09B1	10/7/1996	N	15.98	20.3	
COM09B1	4/7/1997	N	18.6	17.68	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM09B1	10/13/1997	N	15.88	17.77	
COM09B1	4/13/1998	N	16.08	17.57	
COM09B1	10/5/1998	N	13.89	19.76	
COM09B1	5/7/1999	N	13.51	20.14	
COM09B1	10/11/1999	N	12.9	20.76	
COM09B1	4/10/2000	N	13.48	20.17	
COM09B1	10/9/2000	N	12.63	21.02	
COM09B1	4/9/2001	N	13.98	19.67	
COM09B1	10/8/2001	N	12.85	20.8	33.65
COM09B1	10/11/2002	N	14.14	19.51	33.65
COM09B1	10/9/2003	N	14.31	19.34	33.65
COM09B1	10/4/2004	N	14.63	19.02	33.65
COM09B1	10/11/2005	N	16.71	16.94	33.65
COM09B3	10/1/1988	N	18.07	18.04	
COM09B3	12/1/1988	N	4.6	31.51	
COM09B3	3/1/1989	N	6.45	29.66	
COM09B3	4/1/1989	N	16.5	19.61	
COM09B3	8/1/1989	N	0.19	35.92	
COM09B3	10/1/1989	N	-9.01	45.12	
COM09B3	1/1/1990	N	-9.01	45.12	
COM09B3	4/1/1990	N	-7.58	43.69	
COM09B3	7/1/1990	N	9.85	26.26	
COM09B3	10/1/1990	N	16.26	19.85	
COM09B3	1/1/1991	N	15.52	20.59	
COM09B3	4/1/1991	N	-8.85	44.96	
COM09B3	7/1/1991	N	-10.88	46.99	
COM09B3	10/7/1991	N	-13.38	49.49	
COM09B3	1/6/1992	N	-10.76	46.87	
COM09B3	4/6/1992	N	-6.6	42.71	
COM09B3	7/6/1992	N	-10.72	46.83	
COM09B3	10/5/1992	N	19.2	16.91	
COM09B3	1/4/1993	N	-8.99	45.1	
COM09B3	4/5/1993	N	-6.97	43.08	
COM09B3	7/6/1993	N	-6.67	42.78	
COM09B3	10/4/1993	N	-9.81	45.92	
COM09B3	1/3/1994	N	-10.14	46.25	
COM09B3	4/4/1994	N	-12.29	48.4	
COM09B3	7/5/1994	N	-12.87	48.98	
COM09B3	10/3/1994	N	21.04	15.07	
COM09B3	1/3/1995	N	-13.42	49.53	
COM09B3	4/3/1995	N	-10.15	46.26	
COM09B3	7/10/1995	N	-14.96	51.07	
COM09B3	10/3/1995	N	3.16	32.95	
COM09B3	11/8/1995	N	-15.54	51.65	
COM09B3	4/1/1996	N	-13.85	49.96	
COM09B3	10/7/1996	N	-19.21	55.32	
COM09B3	4/7/1997	N	-13.83	49.94	
COM09B3	10/13/1997	N	-15.61	50.03	
COM09B3	4/13/1998	N	-7.52	41.94	
COM09B3	10/6/1998	N	-11.22	45.64	
COM09B3	5/7/1999	N	-13.8	48.22	
COM09B3	10/11/1999	N	-21.37	55.83	
COM09B3	4/10/2000	N	-18.54	52.96	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM09B3	10/9/2000	N	-17.41	51.83	
COM09B3	4/9/2001	N	-17.58	52	
COM09B3	10/8/2001	N	-22.21	56.63	34.42
COM09B3	10/11/2002	N	-31.84	66.26	34.42
COM09B3	10/9/2003	N	-22.32	56.74	34.42
COM09B3	10/4/2004	N	-17.96	52.38	34.42
COM09B3	10/11/2005	N	-20.85	55.27	34.42
COM09B4	12/1/1988	N	15.13	21.48	
COM09B4	3/1/1989	N	9.7	26.91	
COM09B4	4/1/1989	N	9.85	26.76	
COM09B4	8/1/1989	N	9.12	27.49	
COM09B4	10/1/1989	N	9.32	27.29	
COM09B4	1/1/1990	N	10.03	26.58	
COM09B4	4/1/1990	N	11.27	25.34	
COM09B4	7/1/1990	N	14.43	22.18	
COM09B4	10/1/1990	N	18.36	18.25	
COM09B4	1/1/1991	N	15.77	20.84	
COM09B4	4/1/1991	N	15.69	20.92	
COM09B4	7/1/1991	N	15.29	21.32	
COM09B4	10/7/1991	N	14.53	22.08	
COM09B4	1/6/1992	N	15.78	20.83	
COM09B4	4/6/1992	N	18.41	18.2	
COM09B4	7/6/1992	N	16.75	19.86	
COM09B4	10/5/1992	N	24.17	12.44	
COM09B4	1/4/1993	N	12.34	24.27	
COM09B4	4/5/1993	N	14.3	22.31	
COM09B4	7/6/1993	N	15.4	21.21	
COM09B4	10/4/1993	N	11.82	24.79	
COM09B4	1/3/1994	N	14.17	22.44	
COM09B4	4/4/1994	N	14.01	22.6	
COM09B4	7/5/1994	N	13.67	22.94	
COM09B4	10/3/1994	N	24.15	12.46	
COM09B4	1/3/1995	N	17.58	19.03	
COM09B4	4/3/1995	N	19.69	16.92	
COM09B4	7/10/1995	N	17.48	19.13	
COM09B4	10/3/1995	N	17.77	18.84	
COM09B4	11/8/1995	N	17.47	19.14	
COM09B4	4/1/1996	N	20.67	15.94	
COM09B4	10/7/1996	N	17.45	19.16	
COM09B4	4/7/1997	N	21.92	14.69	
COM09B4	10/13/1997	N	19.36	14.41	
COM09B4	4/13/1998	N	24.51	9.26	
COM09B4	10/6/1998	N	21.67	12.1	
COM09B4	5/7/1999	N	21.96	11.81	
COM09B4	10/11/1999	N	21.23	12.54	
COM09B4	4/10/2000	N	18.53	15.24	
COM09B4	10/9/2000	N	16.69	17.08	
COM09B4	4/9/2001	N	19.17	14.6	
COM09B4	10/8/2001	N	16.05	17.72	33.77
COM09B4	10/11/2002	N	23.49	10.28	33.77
COM09B4	10/9/2003	N	23.36	10.41	33.77
COM09B4	10/4/2004	N	23.68	10.09	33.77
COM09B4	10/11/2005	N	25.44	8.33	33.77

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM10A	10/1/1988	N	23.41	12.96	
COM10A	12/1/1988	N	23.14	13.23	
COM10A	3/1/1989	N	23.52	12.85	
COM10A	4/1/1989	N	22.57	13.8	
COM10A	8/1/1989	N	21.77	14.6	
COM10A	10/1/1989	N	21.39	14.98	
COM10A	1/1/1990	N	21.47	14.9	
COM10A	4/1/1990	N	18.89	17.48	
COM10A	7/1/1990	N	18.91	17.46	
COM10A	10/1/1990	N	18.67	17.7	
COM10A	1/1/1991	N	18.89	17.48	
COM10A	4/1/1991	N	17.97	18.4	
COM10A	7/1/1991	N	18.06	18.31	
COM10A	10/7/1991	N	17.99	18.38	
COM10A	1/6/1992	N	18.03	18.34	
COM10A	4/6/1992	N	19.65	16.72	
COM10A	7/6/1992	N	18.01	18.36	
COM10A	10/5/1992	N	23.07	13.3	
COM10A	1/4/1993	N	20.57	15.8	
COM10A	4/5/1993	N	20.67	15.7	
COM10A	7/6/1993	N	17.94	18.43	
COM10A	10/4/1993	N	19.31	17.06	
COM10A	1/3/1994	N	17.95	18.42	
COM10A	4/4/1994	N	18.01	18.36	
COM10A	7/5/1994	N	17.99	18.38	
COM10A	10/3/1994	N	20.73	15.64	
COM10A	1/3/1995	Y			
COM10A	4/3/1995	N	18.39	17.98	
COM10A	7/10/1995	N	18.74	17.63	
COM10A	10/3/1995	N	18.02	18.35	
COM10A	11/8/1995	N	17.96	18.41	
COM10A	4/1/1996	N	17.97	18.4	
COM10A	10/7/1996	N	18.1	18.27	
COM10A	4/7/1997	N	22.35	14.02	
COM10A	10/13/1997	N	16.26	18.39	
COM10A	4/13/1998	N	17.28	17.37	
COM10A	10/5/1998	N	16.15	18.5	
COM10A	5/7/1999	N	15.91	18.74	
COM10A	10/11/1999	N	16.41	18.25	
COM10A	4/10/2000	N	20.75	13.9	
COM10A	10/9/2000	N	18.8	15.85	
COM10A	4/9/2001	N	22.29	12.36	
COM10A	10/8/2001	N	21.59	13.05	34.65
COM10A	10/11/2002	N	22.45	12.2	34.65
COM10A	10/9/2003	N	17.7	16.95	34.65
COM10A	10/4/2004	N	20.19	14.46	34.65
COM10A	10/11/2005	N	17.25	17.4	34.65
COM10B1H	4/6/1992	N	11.17	24.31	
COM10B1H	7/6/1992	N	13.94	21.54	
COM10B1H	10/5/1992	N	20.57	14.91	
COM10B1H	1/4/1993	N	12.07	23.41	
COM10B1H	4/5/1993	N	13.21	22.27	
COM10B1H	7/6/1993	N	13.85	21.63	

Notes:
All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM10B1H	10/4/1993	N	11.47	24.01	
COM10B1H	1/3/1994	N	12.78	22.7	
COM10B1H	4/4/1994	N	12.3	23.18	
COM10B1H	7/5/1994	N	11.12	24.36	
COM10B1H	10/3/1994	N	22.47	13.01	
COM10B1H	1/3/1995	N	13	22.48	
COM10B1H	4/3/1995	N	19.84	15.64	
COM10B1H	7/10/1995	N	15.57	19.91	
COM10B1H	10/3/1995	N	10.09	25.39	
COM10B1H	11/8/1995	N	15.91	19.57	
COM10B1H	4/1/1996	N	19.38	16.1	
COM10B1H	10/7/1996	N	15.49	19.99	
COM10B1H	4/7/1997	N	19.05	16.43	
COM10B1H	10/13/1997	N	19	14.7	
COM10B1H	4/13/1998	N	9.85	23.85	
COM10B1H	10/5/1998	N	8.84	24.86	
COM10B1H	5/7/1999	N	13.99	19.71	
COM10B1H	10/11/1999	N	11.7	22.01	
COM10B1H	4/10/2000	N	14.03	19.67	
COM10B1H	10/9/2000	N	13.73	19.97	
COM10B1H	4/9/2001	N	16.88	16.82	
COM10B1H	10/8/2001	N	8.57	25.13	33.7
COM10B1H	10/11/2002	N	16.26	17.44	33.7
COM10B1H	10/9/2003	N	11.51	22.19	33.7
COM10B1H	10/4/2004	N	12.05	21.65	33.7
COM10B1H	10/11/2005	N	15.65	18.05	33.7
COM11A	12/1/1988	N	16.76	12.03	
COM11A	3/1/1989	N	17.2	11.59	
COM11A	4/1/1989	N	17.32	11.47	
COM11A	8/1/1989	N	15.55	13.24	
COM11A	10/1/1989	N	14.37	14.42	
COM11A	1/1/1990	N	13.68	15.11	
COM11A	4/1/1990	N	15.39	13.4	
COM11A	7/1/1990	N	14.55	14.24	
COM11A	10/1/1990	N	13.46	15.33	
COM11A	1/1/1991	N	14.77	14.02	
COM11A	4/1/1991	N	19.95	8.84	
COM11A	7/1/1991	N	18.2	10.59	
COM11A	10/7/1991	N	16.35	12.44	
COM11A	1/6/1992	N	17.65	11.14	
COM11A	4/6/1992	N	21.26	7.53	
COM11A	7/6/1992	N	18.89	9.9	
COM11A	10/5/1992	N	17.46	11.33	
COM11A	1/4/1993	N	19.73	9.06	
COM11A	4/5/1993	N	22.97	5.82	
COM11A	7/6/1993	N	20.42	8.37	
COM11A	10/4/1993	N	17.61	11.18	
COM11A	1/3/1994	N	17.93	10.86	
COM11A	4/4/1994	N	19.37	9.42	
COM11A	7/5/1994	N	19.08	9.71	
COM11A	10/3/1994	N	18.29	10.5	
COM11A	1/3/1995	N	18.99	9.8	
COM11A	4/3/1995	N	23.61	5.18	

Notes:

All values are in feet.

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TECHNOLOGIES

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM11A	7/10/1995	N	20.99	7.8	
COM11A	10/3/1995	N	19.92	8.87	
COM11A	11/8/1995	N	18.77	10.02	
COM11A	4/1/1996	N	22.09	6.7	
COM11A	10/7/1996	N	18.29	10.5	
COM11A	4/7/1997	N	21.43	7.36	
COM11A	10/13/1997	N	16.98	10.19	
COM11A	4/13/1998	N	21.67	5.5	
COM11A	10/5/1998	N	17.96	9.21	
COM11A	5/7/1999	N	19.37	7.8	
COM11A	10/11/1999	N	16.99	10.18	
COM11A	4/10/2000	N	20.54	6.63	
COM11A	10/9/2000	N	17.28	9.89	
COM11A	4/9/2001	N	20.19	6.98	
COM11A	10/8/2001	N	17.85	9.32	27.17
COM11A	10/11/2002	N	17.33	9.84	27.17
COM11A	10/9/2003	N	17.74	9.43	27.17
COM11A	10/4/2004	N	17.88	9.29	27.17
COM11A	10/11/2005	N	18.12	9.05	27.17
COM11B1	12/1/1988	N	15.05	13.42	
COM11B1	3/1/1989	N	15.15	13.32	
COM11B1	4/1/1989	N	15.86	12.61	
COM11B1	8/1/1989	N	14.04	14.43	
COM11B1	10/1/1989	N	12.46	16.01	
COM11B1	1/1/1990	N	12.44	16.03	
COM11B1	4/1/1990	N	13.46	15.01	
COM11B1	7/1/1990	N	12.61	15.86	
COM11B1	10/1/1990	N	12.21	16.26	
COM11B1	1/1/1991	N	13.32	15.15	
COM11B1	4/1/1991	N	17.91	10.56	
COM11B1	7/1/1991	N	16.09	12.38	
COM11B1	10/7/1991	N	14.56	13.91	
COM11B1	1/6/1992	N	15.32	13.15	
COM11B1	4/6/1992	N	19.05	9.42	
COM11B1	7/6/1992	N	16.16	12.31	
COM11B1	10/5/1992	N	15.18	13.29	
COM11B1	1/4/1993	N	17.16	11.31	
COM11B1	4/5/1993	N	20.32	8.15	
COM11B1	7/6/1993	N	17.15	11.32	
COM11B1	10/4/1993	N	14.9	13.57	
COM11B1	1/3/1994	N	15.32	13.15	
COM11B1	4/4/1994	N	16.69	11.78	
COM11B1	7/5/1994	N	16.78	11.69	
COM11B1	10/3/1994	N	17.35	11.12	
COM11B1	1/3/1995	N	16.59	11.88	
COM11B1	4/3/1995	N	20.97	7.5	
COM11B1	7/10/1995	N	18.12	10.35	
COM11B1	10/3/1995	N	18.1	10.37	
COM11B1	11/8/1995	N	15.98	12.49	
COM11B1	4/1/1996	N	19.27	9.2	
COM11B1	10/7/1996	N	15.8	12.67	
COM11B1	4/7/1997	N	19.01	9.46	
COM11B1	10/13/1997	N	13.36	13.38	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM11B1	4/13/1998	N	18.34	8.4	
COM11B1	10/5/1998	N	15.11	11.63	
COM11B1	5/7/1999	N	16.81	9.93	
COM11B1	10/11/1999	N	15.46	11.28	
COM11B1	4/10/2000	N	18.38	8.36	
COM11B1	10/9/2000	N	15.04	11.7	
COM11B1	4/9/2001	N	17.92	8.82	
COM11B1	10/8/2001	N	16.13	10.61	26.74
COM11B1	10/11/2002	N	16.22	10.52	26.74
COM11B1	10/9/2003	N	15.96	10.78	26.74
COM11B1	10/4/2004	N	16.52	10.22	26.74
COM11B1	10/11/2005	N	16.08	10.66	26.74
COM11B3	12/1/1988	N	14.19	14.48	
COM11B3	3/1/1989	N	14.29	14.38	
COM11B3	4/1/1989	N	14.8	13.87	
COM11B3	8/1/1989	N	13.25	15.42	
COM11B3	10/1/1989	N	12	16.67	
COM11B3	1/1/1990	N	12.25	16.42	
COM11B3	4/1/1990	N	12.97	15.7	
COM11B3	7/1/1990	N	12.44	16.23	
COM11B3	10/1/1990	N	12.58	16.09	
COM11B3	1/1/1991	N	13.47	15.2	
COM11B3	4/1/1991	N	17.03	11.64	
COM11B3	7/1/1991	N	15.72	12.95	
COM11B3	10/7/1991	N	14.34	14.33	
COM11B3	1/6/1992	N	15.11	13.56	
COM11B3	4/6/1992	N	17.16	11.51	
COM11B3	7/6/1992	N	15.72	12.95	
COM11B3	10/5/1992	N	15.06	13.61	
COM11B3	1/4/1993	N	15.89	12.78	
COM11B3	4/5/1993	N	18.85	9.82	
COM11B3	7/6/1993	N	16.07	12.6	
COM11B3	10/4/1993	N	13.95	14.72	
COM11B3	1/3/1994	N	14.86	13.81	
COM11B3	4/4/1994	N	15.7	12.97	
COM11B3	7/5/1994	N	16.36	12.31	
COM11B3	10/3/1994	N	18.11	10.56	
COM11B3	1/3/1995	N	16.35	12.32	
COM11B3	4/3/1995	N	19.73	8.94	
COM11B3	7/10/1995	N	17.38	11.29	
COM11B3	10/3/1995	N	18.76	9.91	
COM11B3	11/8/1995	N	15.71	12.96	
COM11B3	4/1/1996	N	18.39	10.28	
COM11B3	10/7/1996	N	15.63	13.04	
COM11B3	4/7/1997	N	18.63	10.04	
COM11B3	10/13/1997	N	14.17	12.92	
COM11B3	4/13/1998	N	18.16	8.93	
COM11B3	10/6/1998	N	15.84	11.25	
COM11B3	5/7/1999	N	17.05	10.04	
COM11B3	10/11/1999	N	16.48	10.61	
COM11B3	4/10/2000	N	18.34	8.75	
COM11B3	10/9/2000	N	15.64	11.45	
COM11B3	4/9/2001	N	18.03	9.06	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM11B3	10/8/2001	N	16.7	10.39	27.09
COM11B3	10/11/2002	N	17.95	9.14	27.09
COM11B3	10/9/2003	N	17.35	9.74	27.09
COM11B3	10/4/2004	N	17.49	9.6	27.09
COM11B3	10/11/2005	N	17.55	9.54	27.09
COM15B2	10/1/1988	N	16.87	20.23	
COM15B2	12/1/1988	N	19.36	17.74	
COM15B2	3/1/1989	N	14.82	22.28	
COM15B2	4/1/1989	N	15.96	21.14	
COM15B2	8/1/1989	N	16.56	20.54	
COM15B2	10/1/1989	N	14.26	22.84	
COM15B2	1/1/1990	N	13.26	23.84	
COM15B2	4/1/1990	N	13.82	23.28	
COM15B2	7/1/1990	N	12.35	24.75	
COM15B2	10/1/1990	N	14.04	23.06	
COM15B2	1/1/1991	N	13.26	23.84	
COM15B2	4/1/1991	N	15.94	21.16	
COM15B2	7/1/1991	N	14.5	22.6	
COM15B2	10/7/1991	N	13.22	23.88	
COM15B2	1/6/1992	N	14.35	22.75	
COM15B2	4/6/1992	N	17.03	20.07	
COM15B2	7/6/1992	N	15.99	21.11	
COM15B2	10/5/1992	N	18.75	18.35	
COM15B2	1/4/1993	N	12.3	24.8	
COM15B2	4/5/1993	N	15.88	21.22	
COM15B2	7/6/1993	N	13.83	23.27	
COM15B2	10/4/1993	N	12.4	24.7	
COM15B2	1/3/1994	N	12.21	24.89	
COM15B2	4/4/1994	N	13.48	23.62	
COM15B2	7/5/1994	N	13.77	23.33	
COM15B2	10/3/1994	N	19.52	17.58	
COM15B2	1/3/1995	N	14.51	22.59	
COM15B2	4/3/1995	N	16.8	20.3	
COM15B2	7/10/1995	N	15.22	21.88	
COM15B2	10/3/1995	N	16.46	20.64	
COM15B2	11/8/1995	N	14.02	23.08	
COM15B2	4/1/1996	N	17.93	19.17	
COM15B2	10/7/1996	N	14.24	22.86	
COM15B2	4/7/1997	N	18.03	19.07	
COM15B2	10/13/1997	N	16.45	19.32	
COM15B2	4/13/1998	N	20.07	15.7	
COM15B2	10/6/1998	N	17.93	17.84	
COM15B2	5/7/1999	N	16.31	19.46	
COM15B2	10/11/1999	N	17.46	18.32	
COM15B2	4/10/2000	N	15.4	20.37	
COM15B2	10/9/2000	N	14.63	21.14	
COM15B2	4/9/2001	N	17.98	17.79	
COM15B2	10/8/2001	N	15.27	20.5	35.77
COM15B2	10/11/2002	N	18.44	17.33	35.77
COM15B2	10/9/2003	N	20.21	15.56	35.77
COM15B2	10/4/2004	N	21.36	14.41	35.77
COM15B2	10/11/2005	N	24	11.77	35.77
COM15B3	10/1/1988	N	17.1	19.84	

Notes:

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM15B3	12/1/1988	N	19.36	17.58	
COM15B3	3/1/1989	N	15.7	21.24	
COM15B3	4/1/1989	N	16.13	20.81	
COM15B3	8/1/1989	N	16.99	19.95	
COM15B3	10/1/1989	N	14.88	22.06	
COM15B3	1/1/1990	N	14.45	22.49	
COM15B3	4/1/1990	N	13.3	23.64	
COM15B3	7/1/1990	N	12.47	24.47	
COM15B3	10/1/1990	N	15.54	21.4	
COM15B3	1/1/1991	N	13.64	23.3	
COM15B3	4/1/1991	N	14.36	22.58	
COM15B3	7/1/1991	N	13.09	23.85	
COM15B3	10/7/1991	N	11.52	25.42	
COM15B3	1/6/1992	N	12.69	24.25	
COM15B3	4/6/1992	N	15.25	21.69	
COM15B3	7/6/1992	N	15.2	21.74	
COM15B3	10/5/1992	N	19.85	17.09	
COM15B3	1/4/1993	N	10.82	26.12	
COM15B3	4/5/1993	N	13.37	23.57	
COM15B3	7/6/1993	N	11.88	25.06	
COM15B3	10/4/1993	N	10.2	26.74	
COM15B3	1/3/1994	N	10.52	26.42	
COM15B3	4/4/1994	N	11.32	25.62	
COM15B3	7/5/1994	N	11.58	25.36	
COM15B3	10/3/1994	N	19.41	17.53	
COM15B3	1/3/1995	N	12.33	24.61	
COM15B3	4/3/1995	N	14.94	22	
COM15B3	7/10/1995	N	13.32	23.62	
COM15B3	10/3/1995	N	16.22	20.72	
COM15B3	11/8/1995	N	12.59	24.35	
COM15B3	4/1/1996	N	18.32	18.62	
COM15B3	10/7/1996	N	23.96	12.98	
COM15B3	4/7/1997	N	18.54	18.4	
COM15B3	10/13/1997	N	17.55	18.12	
COM15B3	4/13/1998	N	21.51	14.16	
COM15B3	10/6/1998	N	18.8	16.87	
COM15B3	5/7/1999	N	16.55	19.12	
COM15B3	10/11/1999	N	18.65	17.03	
COM15B3	4/10/2000	N	14.88	20.79	
COM15B3	10/9/2000	N	13.97	21.7	
COM15B3	4/9/2001	N	18.37	17.3	
COM15B3	10/8/2001	N	15.39	20.3	35.67
COM15B3	10/11/2002	N	21.11	14.56	35.67
COM15B3	10/9/2003	N	22.27	13.4	35.67
COM15B3	10/4/2004	N	23.18	12.49	35.67
COM15B3	10/11/2005	N	28.04	7.63	35.67
COM15B4	12/1/1988	N	19.08	17.89	
COM15B4	3/1/1989	N	19.59	17.38	
COM15B4	4/1/1989	N	16.55	20.42	
COM15B4	8/1/1989	N	16.43	20.54	
COM15B4	10/1/1989	N	16.31	20.66	
COM15B4	1/1/1990	N	16.17	20.8	
COM15B4	4/1/1990	N	17.26	19.71	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM15B4	7/1/1990	N	17.87	19.1	
COM15B4	10/1/1990	N	20.81	16.16	
COM15B4	1/1/1991	N	18.88	18.09	
COM15B4	4/1/1991	N	20.4	16.57	
COM15B4	7/1/1991	N	19.8	17.17	
COM15B4	10/7/1991	N	19.06	17.91	
COM15B4	1/6/1992	N	20.04	16.93	
COM15B4	4/6/1992	N	22.71	14.26	
COM15B4	7/6/1992	N	21.56	15.41	
COM15B4	10/5/1992	N	25.04	11.93	
COM15B4	1/4/1993	N	18.7	18.27	
COM15B4	4/5/1993	N	21.12	15.85	
COM15B4	7/6/1993	N	21.56	15.41	
COM15B4	10/4/1993	N	18.77	18.2	
COM15B4	1/3/1994	N	20.41	16.56	
COM15B4	4/4/1994	N	20.94	16.03	
COM15B4	7/5/1994	N	20.85	16.12	
COM15B4	10/3/1994	N	25.54	11.43	
COM15B4	1/3/1995	N	21.75	15.22	
COM15B4	4/3/1995	N	25.35	11.62	
COM15B4	7/10/1995	N	24.08	12.89	
COM15B4	10/3/1995	N	24.57	12.4	
COM15B4	11/8/1995	N	23.58	13.39	
COM15B4	4/1/1996	N	26.59	10.38	
COM15B4	10/7/1996	N	23.86	13.11	
COM15B4	4/7/1997	N	27.98	8.99	
COM15B4	10/13/1997	N	26.02	9.6	
COM15B4	4/13/1998	N	30.23	5.39	
COM15B4	10/6/1998	N	28.29	7.33	
COM15B4	5/7/1999	N	28.51	7.11	
COM15B4	10/11/1999	N	28.25	7.37	
COM15B4	4/10/2000	N	26.29	9.33	
COM15B4	10/9/2000	N	24.92	10.7	
COM15B4	4/9/2001	N	27.31	8.31	
COM15B4	10/8/2001	N	25.06	10.56	35.62
COM15B4	10/11/2002	N	29.06	6.56	35.62
COM15B4	10/9/2003	N	29.7	5.92	35.62
COM15B4	10/4/2004	N	29.95	5.67	35.62
COM15B4	10/11/2005	N	31.78	3.84	35.62
COM16A	10/1/1988	N	23.64	12.6	
COM16A	12/1/1988	N	23.58	12.66	
COM16A	3/1/1989	N	23.79	12.45	
COM16A	4/1/1989	N	22.91	13.33	
COM16A	8/1/1989	N	22.12	14.12	
COM16A	10/1/1989	N	21.74	14.5	
COM16A	4/1/1990	N	18.65	17.59	
COM16A	10/1/1990	N	18.75	17.49	
COM16A	4/1/1991	N	18.17	18.07	
COM16A	1/6/1992	N	22.62	13.62	
COM16A	4/6/1992	N	18.98	17.26	
COM16A	7/6/1992	N	18.22	18.02	
COM16A	10/5/1992	N	23.34	12.9	
COM16A	1/4/1993	N	21.64	14.6	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM16A	4/5/1993	N	21.84	14.4	
COM16A	7/6/1993	N	18.22	18.02	
COM16A	10/4/1993	Y			
COM16A	1/3/1994	Y			
COM16A	4/4/1994	Y			
COM16A	7/5/1994	N	16.74	19.5	
COM16A	10/3/1994	Y			
COM16A	1/3/1995	N	19.29	16.95	
COM16A	4/3/1995	N	23.52	12.72	
COM16A	7/10/1995	N	20.02	16.22	
COM16A	10/3/1995	Y			
COM16A	11/8/1995	Y			
COM16A	4/1/1996	N	19.36	16.88	
COM16A	10/7/1996	N	18.19	18.05	
COM16A	4/7/1997	N	20.06	16.18	
COM16A	10/13/1997	N	17.84	16.07	
COM16A	4/13/1998	N	23.03	10.88	
COM16A	10/5/1998	N	19.21	14.7	
COM16A	5/7/1999	N	17.19	16.72	
COM16A	10/11/1999	N	18.28	15.64	
COM16A	4/10/2000	N	17.71	16.2	
COM16A	10/9/2000	N	15.67	18.24	
COM16A	4/9/2001	N	24.51	9.4	
COM16A	10/8/2001	N	23.49	10.41	33.91
COM16A	10/11/2002	N	22.16	11.75	33.91
COM16A	10/9/2003	N	21.03	12.88	33.91
COM16A	10/4/2004	N	23.12	10.79	33.91
COM16A	10/11/2005	N	22.88	11.03	33.91
COM17AH	1/6/1992	N	14.37	13.5	
COM17AH	4/6/1992	N	17.88	9.99	
COM17AH	7/6/1992	N	14.23	13.64	
COM17AH	10/5/1992	N	13.66	14.21	
COM17AH	1/4/1993	N	17.76	10.11	
COM17AH	4/5/1993	N	19.91	7.96	
COM17AH	7/6/1993	N	16.15	11.72	
COM17AH	10/4/1993	N	12.94	14.93	
COM17AH	1/3/1994	N	13.67	14.2	
COM17AH	4/4/1994	N	15.45	12.42	
COM17AH	7/5/1994	N	15.41	12.46	
COM17AH	10/3/1994	N	15.27	12.6	
COM17AH	1/3/1995	N	16.32	11.55	
COM17AH	4/3/1995	N	20.42	7.45	
COM17AH	7/10/1995	N	16.79	11.08	
COM17AH	10/3/1995	N	17.4	10.47	
COM17AH	11/8/1995	N	15.68	12.19	
COM17AH	4/1/1996	N	18.7	9.17	
COM17AH	10/7/1996	N	14.5	13.37	
COM17AH	4/7/1997	N	17.48	10.39	
COM17AH	10/13/1997	N	13.09	13.51	
COM17AH	4/13/1998	N	19.36	7.24	
COM17AH	10/5/1998	N	14.5	12.1	
COM17AH	5/7/1999	N	16.19	10.41	
COM17AH	10/11/1999	N	14.64	11.96	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM17AH	4/10/2000	N	15.44	11.16	
COM17AH	10/9/2000	N	13.95	12.65	
COM17AH	4/9/2001	N	17.45	9.15	
COM17AH	10/8/2001	N	15.95	10.65	26.6
COM17AH	10/11/2002	N	15.42	11.18	26.6
COM17AH	10/9/2003	N	15.14	11.46	26.6
COM17AH	10/4/2004	N	14.95	11.65	26.6
COM17AH	10/11/2005	N	14.92	11.68	26.6
COM17B1H	1/6/1992	N	11.46	16.46	
COM17B1H	4/6/1992	N	8.57	19.35	
COM17B1H	7/6/1992	N	4.78	23.14	
COM17B1H	10/5/1992	N	3.2	24.72	
COM17B1H	1/4/1993	N	7.54	20.38	
COM17B1H	4/5/1993	N	10.38	17.54	
COM17B1H	7/6/1993	N	7.28	20.64	
COM17B1H	10/4/1993	N	3.66	24.26	
COM17B1H	1/3/1994	N	4.77	23.15	
COM17B1H	4/4/1994	N	5.85	22.07	
COM17B1H	7/5/1994	N	6.8	21.12	
COM17B1H	10/3/1994	N	12.07	15.85	
COM17B1H	1/3/1995	N	11.11	16.81	
COM17B1H	4/3/1995	N	11.19	16.73	
COM17B1H	7/10/1995	N	7.9	20.02	
COM17B1H	10/3/1995	N	16.69	11.23	
COM17B1H	11/8/1995	N	6.52	21.4	
COM17B1H	4/1/1996	N	9.47	18.45	
COM17B1H	10/7/1996	N	5.91	22.01	
COM17B1H	4/7/1997	N	9.31	18.61	
COM17B1H	10/13/1997	N	4.91	21.4	
COM17B1H	4/13/1998	N	11.32	14.99	
COM17B1H	10/5/1998	N	8.09	18.22	
COM17B1H	5/7/1999	N	8.93	17.38	
COM17B1H	10/11/1999	N	5.34	20.98	
COM17B1H	4/10/2000	N	7.1	19.21	
COM17B1H	10/9/2000	N	8.84	17.47	
COM17B1H	4/9/2001	N	8.87	17.44	
COM17B1H	10/8/2001	N	7.4	18.91	26.31
COM17B1H	10/11/2002	N	10.12	16.19	26.31
COM17B1H	10/9/2003	N	7.69	18.62	26.31
COM17B1H	10/4/2004	N	7.61	18.7	26.31
COM17B1H	10/11/2005	N	7.16	19.15	26.31
COM17B3H	1/6/1992	N	14.74	12.86	
COM17B3H	4/6/1992	N	17.67	9.93	
COM17B3H	7/6/1992	N	15.65	12.01	
COM17B3H	10/5/1992	N	15.72	11.94	
COM17B3H	1/4/1993	N	15.27	12.39	
COM17B3H	4/5/1993	N	17.71	9.95	
COM17B3H	7/6/1993	N	16.06	11.6	
COM17B3H	10/4/1993	N	13.73	13.93	
COM17B3H	1/3/1994	N	14.91	12.75	
COM17B3H	4/4/1994	N	15.76	11.9	
COM17B3H	7/5/1994	N	16.14	11.52	
COM17B3H	10/3/1994	N	17.78	9.88	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM17B3H	1/3/1995	N	16.25	11.41	
COM17B3H	4/3/1995	N	8.83	18.83	
COM17B3H	7/10/1995	N	17.81	9.85	
COM17B3H	10/3/1995	N	18.75	8.91	
COM17B3H	11/8/1995	N	16.59	11.07	
COM17B3H	4/1/1996	N	18.93	8.73	
COM17B3H	10/7/1996	N	16.44	11.22	
COM17B3H	4/7/1997	N	19.43	8.23	
COM17B3H	10/13/1997	N	15.73	10.3	
COM17B3H	4/13/1998	N	19.54	6.49	
COM17B3H	10/6/1998	N	17.43	8.6	
COM17B3H	5/7/1999	N	8.54	17.49	
COM17B3H	10/11/1999	N	17.78	8.25	
COM17B3H	4/10/2000	N	18.01	8.02	
COM17B3H	10/9/2000	N	16.71	9.32	
COM17B3H	4/9/2001	N	18.91	7.12	
COM17B3H	10/8/2001	N	17.42	8.61	26.03
COM17B3H	10/11/2002	N	19.5	6.53	26.03
COM17B3H	10/9/2003	N	18.91	7.12	26.03
COM17B3H	10/4/2004	N	19.05	6.98	26.03
COM17B3H	10/11/2005	N	19.4	6.63	26.03
COM18AH	4/13/1998	N	25.17	8.04	
COM18AH	10/5/1998	N	19.97	13.24	
COM18AH	5/7/1999	N	19.72	13.49	
COM18AH	10/11/1999	N	20.17	13.04	
COM18AH	4/10/2000	N	20.6	12.61	
COM18AH	10/9/2000	N	19.17	14.04	
COM18AH	4/9/2001	N	22.59	10.62	
COM18AH	10/8/2001	N	21.76	11.45	33.21
COM18AH	10/11/2002	N	22.84	10.37	33.21
COM18AH	10/9/2003	N	22.28	10.93	33.21
COM18AH	10/4/2004	N	23.01	10.2	33.21
COM18AH	10/11/2005	N	24.13	9.08	33.21
COM18B2H	8/1/1989	N	15	19.82	
COM18B2H	10/1/1989	N	18.79	16.03	
COM18B2H	1/1/1990	N	18.6	16.22	
COM18B2H	4/1/1990	N	18.5	16.32	
COM18B2H	7/1/1990	N	17.88	16.94	
COM18B2H	10/1/1990	N	18.72	16.1	
COM18B2H	1/1/1991	N	18.79	16.03	
COM18B2H	4/1/1991	N	19.64	15.18	
COM18B2H	7/1/1991	N	18.78	16.04	
COM18B2H	10/7/1991	N	18.27	16.55	
COM18B2H	1/6/1992	N	19.29	15.53	
COM18B2H	4/6/1992	N	15.62	19.2	
COM18B2H	7/6/1992	N	19.49	15.33	
COM18B2H	10/5/1992	N	21.76	13.06	
COM18B2H	1/4/1993	N	18.49	16.33	
COM18B2H	4/5/1993	N	21	13.82	
COM18B2H	7/6/1993	N	19.08	15.74	
COM18B2H	10/4/1993	N	18.07	16.75	
COM18B2H	1/3/1994	N	18.59	16.23	
COM18B2H	4/4/1994	N	19.42	15.4	

Notes:

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM18B2H	7/5/1994	N	19.51	15.31	
COM18B2H	10/3/1994	N	23.66	11.16	
COM18B2H	1/3/1995	N	20.14	14.68	
COM18B2H	4/3/1995	N	23.02	11.8	
COM18B2H	7/10/1995	N	21.46	13.36	
COM18B2H	10/3/1995	N	21.3	13.52	
COM18B2H	11/8/1995	N	20.17	14.65	
COM18B2H	4/1/1996	N	22.27	12.55	
COM18B2H	10/7/1996	N	19.99	14.83	
COM18B2H	4/7/1997	N	21.85	12.97	
COM18B2H	10/13/1997	N	20.49	12.85	
COM18B2H	4/13/1998	N	22.82	10.52	
COM18B2H	10/6/1998	N	20.73	12.61	
COM18B2H	5/7/1999	N	20.37	12.97	
COM18B2H	10/11/1999	N	20.65	12.69	
COM18B2H	4/10/2000	N	20.59	12.75	
COM18B2H	10/9/2000	N	18.63	14.71	
COM18B2H	4/9/2001	N	20.76	12.58	
COM18B2H	10/8/2001	N	19.88	13.46	33.34
COM18B2H	10/11/2002	N	21.27	12.07	33.34
COM18B2H	10/9/2003	N	22.39	10.95	33.34
COM18B2H	10/4/2004	N	22.79	10.55	33.34
COM18B2H	10/11/2005	N	24.94	8.4	33.34
COM19AH	1/6/1992	N	20.5	13.42	
COM19AH	4/6/1992	N	19.85	14.07	
COM19AH	7/6/1992	N	19.47	14.45	
COM19AH	10/5/1992	N	22.7	11.22	
COM19AH	1/4/1993	N	20.15	13.77	
COM19AH	4/5/1993	N	21.52	12.4	
COM19AH	7/6/1993	N	19.9	14.02	
COM19AH	10/4/1993	N	19.49	14.43	
COM19AH	1/3/1994	N	19.48	14.44	
COM19AH	4/4/1994	N	19.73	14.19	
COM19AH	7/5/1994	N	19.67	14.25	
COM19AH	10/3/1994	N	21.28	12.64	
COM19AH	1/3/1995	N	20.42	13.5	
COM19AH	4/3/1995	N	24.83	9.09	
COM19AH	7/10/1995	N	21.64	12.28	
COM19AH	10/3/1995	N	20.47	13.45	
COM19AH	11/8/1995	N	20.19	13.73	
COM19AH	4/1/1996	N	21.69	12.23	
COM19AH	10/7/1996	N	20.29	13.63	
COM19AH	4/7/1997	N	22.54	11.38	
COM19AH	10/13/1997	N	19.83	13.13	
COM19AH	4/13/1998	N	24.56	8.4	
COM19AH	10/5/1998	N	20.18	12.78	
COM19AH	5/7/1999	N	20.39	12.57	
COM19AH	10/11/1999	N	20.32	12.64	
COM19AH	4/10/2000	N	21.79	11.17	
COM19AH	10/9/2000	N	19.98	12.98	
COM19AH	4/9/2001	N	22.54	10.42	
COM19AH	10/8/2001	N	21.89	11.07	32.96
COM19AH	10/11/2002	N	22.9	10.06	32.96

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM19AH	10/9/2003	N	22.44	10.52	32.96
COM19AH	10/4/2004	N	23.17	9.79	32.96
COM19AH	10/11/2005	N	24.25	8.71	32.96
COM20AH	1/6/1992	N	19.19	14.62	
COM20AH	4/6/1992	N	21.36	12.45	
COM20AH	7/6/1992	N	19.97	13.84	
COM20AH	10/5/1992	N	21.33	12.48	
COM20AH	1/4/1993	N	20.73	13.08	
COM20AH	4/5/1993	N	22.47	11.34	
COM20AH	7/6/1993	N	20.25	13.56	
COM20AH	10/4/1993	N	19.52	14.29	
COM20AH	1/3/1994	N	19.3	14.51	
COM20AH	4/4/1994	N	19.76	14.05	
COM20AH	7/5/1994	N	19.58	14.23	
COM20AH	10/3/1994	N	20	13.81	
COM20AH	1/3/1995	N	21.18	12.63	
COM20AH	4/3/1995	N	24.4	9.41	
COM20AH	7/10/1995	N	13.56	20.25	
COM20AH	10/3/1995	N	20.32	13.49	
COM20AH	11/8/1995	N	20.23	13.58	
COM20AH	4/1/1996	N	22.17	11.64	
COM20AH	10/7/1996	N	19.98	13.83	
COM20AH	4/7/1997	N	22.62	11.19	
COM20AH	10/13/1997	N	19.59	12.69	
COM20AH	4/13/1998	N	23.72	8.56	
COM20AH	10/5/1998	N	19.76	12.52	
COM20AH	5/7/1999	N	20.25	12.03	
COM20AH	10/11/1999	N	19.57	12.71	
COM20AH	4/10/2000	N	22.08	10.2	
COM20AH	10/9/2000	N	19.34	12.94	
COM20AH	4/9/2001	N	21.59	10.69	
COM20AH	10/8/2001	N	25.87	6.4	32.28
COM20AH	10/11/2002	N	21.42	10.86	32.28
COM20AH	10/9/2003	N	21.33	10.95	32.28
COM20AH	10/4/2004	N	22.12	10.16	32.28
COM20AH	10/11/2005	N	23.23	9.05	32.28
COM21B2H	1/6/1992	N	15.3	18.29	
COM21B2H	4/6/1992	N	19.11	14.48	
COM21B2H	7/6/1992	N	15.91	17.68	
COM21B2H	10/5/1992	N	20.43	13.16	
COM21B2H	1/4/1993	N	15.07	18.52	
COM21B2H	4/5/1993	N	17.41	16.18	
COM21B2H	7/6/1993	N	15.78	17.81	
COM21B2H	10/4/1993	N	14	19.59	
COM21B2H	1/3/1994	N	13.98	19.61	
COM21B2H	4/4/1994	N	14.29	19.3	
COM21B2H	7/5/1994	N	14.18	19.41	
COM21B2H	10/3/1994	N	19.85	13.74	
COM21B2H	1/3/1995	N	14.41	19.18	
COM21B2H	4/3/1995	N	18.52	15.07	
COM21B2H	7/10/1995	N	15.98	17.61	
COM21B2H	10/3/1995	N	15.67	17.92	
COM21B2H	11/8/1995	N	14.81	18.78	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM21B2H	4/1/1996	N	16.87	16.72	
COM21B2H	10/7/1996	N	14.08	19.51	
COM21B2H	4/7/1997	N	17.39	16.2	
COM21B2H	10/13/1997	N	14.71	17.2	
COM21B2H	4/13/1998	N	17.91	14	
COM21B2H	10/6/1998	N	14.56	17.35	
COM21B2H	5/7/1999	N	14.18	17.73	
COM21B2H	10/11/1999	N	13.79	18.13	
COM21B2H	4/10/2000	N	13.42	18.49	
COM21B2H	10/9/2000	N	11.69	20.22	
COM21B2H	4/9/2001	N	13.77	18.14	
COM21B2H	10/8/2001	N	12.57	19.34	31.91
COM21B2H	10/11/2002	N	15.23	16.68	31.91
COM21B2H	10/9/2003	N	15.95	15.96	31.91
COM21B2H	10/4/2004	N	17.05	14.86	31.91
COM21B2H	10/11/2005	N	18.29	13.62	31.91
COM22AH	1/6/1992	N	13.92	13.67	
COM22AH	4/6/1992	N	18.04	9.55	
COM22AH	7/6/1992	N	14.23	13.36	
COM22AH	10/5/1992	N	13.2	14.39	
COM22AH	1/4/1993	N	17.07	10.52	
COM22AH	4/5/1993	N	20.52	7.07	
COM22AH	7/6/1993	N	16.35	11.24	
COM22AH	10/4/1993	N	13.11	14.48	
COM22AH	1/3/1994	N	13.99	13.6	
COM22AH	4/4/1994	N	15.58	12.01	
COM22AH	7/5/1994	N	15.6	11.99	
COM22AH	10/3/1994	N	15.43	12.16	
COM22AH	1/3/1995	N	15.84	11.75	
COM22AH	4/3/1995	N	20.91	6.68	
COM22AH	7/10/1995	N	17.05	10.54	
COM22AH	10/3/1995	N	16.98	10.61	
COM22AH	11/8/1995	N	15.59	12	
COM22AH	4/1/1996	N	19.24	8.35	
COM22AH	10/7/1996	N	14.7	12.89	
COM22AH	4/7/1997	N	17.93	9.66	
COM22AH	10/13/1997	N	12.13	13.84	
COM22AH	4/13/1998	N	19.31	6.66	
COM22AH	10/5/1998	N	14.14	11.83	
COM22AH	5/7/1999	N	16.05	9.92	
COM22AH	10/11/1999	N	14.43	11.54	
COM22AH	4/10/2000	N	14.91	11.06	
COM22AH	10/9/2000	N	13.83	12.14	
COM22AH	4/9/2001	N	17.35	8.62	
COM22AH	10/8/2001	N	15.48	10.49	25.97
COM22AH	10/11/2002	N	14.96	11.01	25.97
COM22AH	10/9/2003	N	14.69	11.28	25.97
COM22AH	10/4/2004	N	14.62	11.35	25.97
COM22AH	10/11/2005	N	14.67	11.3	25.97
COM23AH	1/6/1992	N	14.28	13.09	
COM23AH	4/6/1992	N	17.27	10.1	
COM23AH	7/6/1992	N	13.8	13.57	
COM23AH	10/5/1992	N	13.49	13.88	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM23AH	1/4/1993	N	16.85	10.52	
COM23AH	4/5/1993	N	18.43	8.94	
COM23AH	7/6/1993	N	15.59	11.78	
COM23AH	10/4/1993	N	11.68	15.69	
COM23AH	1/3/1994	N	12.47	14.9	
COM23AH	4/4/1994	N	14.17	13.2	
COM23AH	7/5/1994	N	14.82	12.55	
COM23AH	10/3/1994	N	15.42	11.95	
COM23AH	1/3/1995	N	16.22	11.15	
COM23AH	4/3/1995	N	18.96	8.41	
COM23AH	7/10/1995	N	15.89	11.48	
COM23AH	10/3/1995	N	16.73	10.64	
COM23AH	11/8/1995	N	15.31	12.06	
COM23AH	4/1/1996	N	17.43	9.94	
COM23AH	10/7/1996	N	14.27	13.1	
COM23AH	4/7/1997	N	16.3	11.07	
COM23AH	10/13/1997	N	13.08	12.65	
COM23AH	4/13/1998	N	17.89	7.84	
COM23AH	10/5/1998	N	14.28	11.45	
COM23AH	5/7/1999	N	14.98	10.75	
COM23AH	10/11/1999	N	14.58	11.15	
COM23AH	4/10/2000	N	15.45	10.28	
COM23AH	10/9/2000	N	13.89	11.84	
COM23AH	4/9/2001	N	16.13	9.6	
COM23AH	10/8/2001	N	15.44	10.29	25.73
COM23AH	10/11/2002	N	15.55	10.18	25.73
COM23AH	10/9/2003	N	15.06	10.67	25.73
COM23AH	10/4/2004	N	14.92	10.81	25.73
COM23AH	10/11/2005	N	15.36	10.37	25.73
COM23B1H	1/6/1992	N	12.99	14.6	
COM23B1H	4/6/1992	N	16.61	10.98	
COM23B1H	7/6/1992	N	14.68	12.91	
COM23B1H	10/5/1992	N	13.35	14.24	
COM23B1H	1/4/1993	N	15.86	11.73	
COM23B1H	4/5/1993	N	18.66	8.93	
COM23B1H	7/6/1993	N	15.31	12.28	
COM23B1H	10/4/1993	N	11.39	16.2	
COM23B1H	1/3/1994	N	12.17	15.42	
COM23B1H	4/4/1994	N	14.06	13.53	
COM23B1H	7/5/1994	N	14.84	12.75	
COM23B1H	10/3/1994	N	15.63	11.96	
COM23B1H	1/3/1995	N	15.81	11.78	
COM23B1H	4/3/1995	N	17.73	9.86	
COM23B1H	7/10/1995	N	15.7	11.89	
COM23B1H	10/3/1995	N	17.35	10.24	
COM23B1H	11/8/1995	N	13.91	13.68	
COM23B1H	4/1/1996	N	15.71	11.88	
COM23B1H	10/7/1996	N	12.31	15.28	
COM23B1H	4/7/1997	N	15.61	11.98	
COM23B1H	10/13/1997	N	11.21	14.88	
COM23B1H	4/13/1998	N	15.87	10.22	
COM23B1H	10/5/1998	N	11.89	14.2	
COM23B1H	5/7/1999	N	13.46	12.63	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM23B1H	10/11/1999	N	12.78	13.31	
COM23B1H	4/10/2000	N	15.16	10.93	
COM23B1H	10/9/2000	N	14.68	11.41	
COM23B1H	4/9/2001	N	11.46	14.63	
COM23B1H	10/8/2001	N	12.57	13.52	26.09
COM23B1H	10/11/2002	N	14.74	11.35	26.09
COM23B1H	10/9/2003	N	12.11	13.98	26.09
COM23B1H	10/4/2004	N	11.78	14.31	26.09
COM23B1H	10/11/2005	N	13.08	13.01	26.09
COM23B2H	1/6/1992	N	12.11	15.59	
COM23B2H	4/6/1992	N	11.51	16.19	
COM23B2H	7/6/1992	N	12.16	15.54	
COM23B2H	10/5/1992	N	10.72	16.98	
COM23B2H	1/4/1993	N	12.95	14.75	
COM23B2H	4/5/1993	N	16.33	11.37	
COM23B2H	7/6/1993	N	11.05	16.65	
COM23B2H	10/4/1993	N	7.85	19.85	
COM23B2H	1/3/1994	N	8.94	18.76	
COM23B2H	4/4/1994	N	10.01	17.69	
COM23B2H	7/5/1994	N	13.22	14.48	
COM23B2H	10/3/1994	N	15.78	11.92	
COM23B2H	1/3/1995	N	14.2	13.5	
COM23B2H	4/3/1995	N	15.12	12.58	
COM23B2H	7/10/1995	N	11.09	16.61	
COM23B2H	10/3/1995	N	17.39	10.31	
COM23B2H	11/8/1995	N	10.23	17.47	
COM23B2H	4/1/1996	N	12.92	14.78	
COM23B2H	10/7/1996	N	9.46	18.24	
COM23B2H	4/7/1997	N	12.7	15	
COM23B2H	10/13/1997	N	8.96	17.13	
COM23B2H	4/13/1998	N	12.39	13.7	
COM23B2H	10/6/1998	N	9.77	16.32	
COM23B2H	5/7/1999	N	10.12	15.97	
COM23B2H	10/11/1999	N	11	15.1	
COM23B2H	4/10/2000	N	13.16	12.93	
COM23B2H	10/9/2000	N	9.56	16.53	
COM23B2H	4/9/2001	N	12.13	13.96	
COM23B2H	10/8/2001	N	11.73	14.36	26.09
COM23B2H	10/11/2002	N	13.98	12.11	26.09
COM23B2H	10/9/2003	N	12.07	14.02	26.09
COM23B2H	10/4/2004	N	11.44	14.65	26.09
COM23B2H	10/11/2005	N	11.63	14.46	26.09
COM24AH	1/6/1992	N	13.45	14.85	
COM24AH	4/6/1992	N	16.98	11.32	
COM24AH	7/6/1992	N	13.23	15.07	
COM24AH	10/5/1992	N	12.79	15.51	
COM24AH	1/4/1993	N	16.93	11.37	
COM24AH	4/5/1993	N	18.54	9.76	
COM24AH	7/6/1993	N	14.98	13.32	
COM24AH	10/4/1993	N	12.17	16.13	
COM24AH	1/3/1994	N	12.96	15.34	
COM24AH	4/4/1994	N	14.42	13.88	
COM24AH	7/5/1994	N	14.23	14.07	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM24AH	10/3/1994	N	14.94	13.36	
COM24AH	1/3/1995	N	15.81	12.49	
COM24AH	4/3/1995	N	19.28	9.02	
COM24AH	7/10/1995	N	15.77	12.53	
COM24AH	10/3/1995	N	17.39	10.91	
COM24AH	11/8/1995	N	14.98	13.32	
COM24AH	4/1/1996	N	17.48	10.82	
COM24AH	10/7/1996	N	13.83	14.47	
COM24AH	4/7/1997	N	16.41	11.89	
COM24AH	10/13/1997	N	12.7	14.01	
COM24AH	4/13/1998	N	18.8	7.91	
COM24AH	10/5/1998	N	13.51	13.2	
COM24AH	5/7/1999	N	15.03	11.68	
COM24AH	10/11/1999	N	13.64	13.07	
COM24AH	4/10/2000	N	14.41	12.3	
COM24AH	10/9/2000	N	13.16	13.55	
COM24AH	4/9/2001	N	16.31	10.4	
COM24AH	10/8/2001	N	15.34	11.37	26.71
COM24AH	10/11/2002	N	14.9	11.81	26.71
COM24AH	10/9/2003	N	14.58	12.13	26.71
COM24AH	10/4/2004	N	14.29	12.42	26.71
COM24AH	10/11/2005	N	14.43	12.28	26.71
COM25AH	1/6/1992	N	13.73	13.64	
COM25AH	4/6/1992	N	16.36	11.01	
COM25AH	7/6/1992	N	13.91	13.46	
COM25AH	10/5/1992	N	13.89	13.48	
COM25AH	1/4/1993	N	16.43	10.94	
COM25AH	4/5/1993	N	17.58	9.79	
COM25AH	7/6/1993	N	15.98	11.39	
COM25AH	10/4/1993	N	11.84	15.53	
COM25AH	1/3/1994	N	12.67	14.7	
COM25AH	4/4/1994	N	14.07	13.3	
COM25AH	7/5/1994	N	14.65	12.72	
COM25AH	10/3/1994	N	15.61	11.76	
COM25AH	1/3/1995	N	16.95	10.42	
COM25AH	4/3/1995	N	18.09	9.28	
COM25AH	10/3/1995	N	17.57	9.8	
COM25AH	11/8/1995	N	14.98	12.39	
COM25AH	4/1/1996	N	16.79	10.58	
COM25AH	10/7/1996	N	14.24	13.13	
COM25AH	4/7/1997	N	15.81	11.56	
COM25AH	10/13/1997	N	13.2	12.72	
COM25AH	4/13/1998	N	18.02	7.9	
COM25AH	10/5/1998	N	13.95	11.97	
COM25AH	5/7/1999	N	14.55	11.37	
COM25AH	10/11/1999	N	15.24	10.68	
COM25AH	4/10/2000	N	15.92	10	
COM25AH	10/9/2000	N	13.76	12.16	
COM25AH	4/9/2001	N	16.22	9.7	
COM25AH	10/10/2001	N	14.92	11.03	25.92
COM25AH	10/11/2002	N	15.59	10.33	25.92
COM25AH	10/9/2003	N	15.12	10.8	25.92
COM25AH	10/4/2004	N	14.96	10.96	25.92

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM25AH	10/11/2005	N	15.56	10.36	25.92
COM26AH	1/6/1992	Y			
COM26AH	4/6/1992	N	17.35	10.51	
COM26AH	7/6/1992	N	15.34	12.52	
COM26AH	10/5/1992	N	14.75	13.11	
COM26AH	1/4/1993	N	17.14	10.72	
COM26AH	4/5/1993	N	18.77	9.09	
COM26AH	7/6/1993	N	16.59	11.27	
COM26AH	10/4/1993	N	14.06	13.8	
COM26AH	1/3/1994	N	15.84	12.02	
COM26AH	4/4/1994	N	16.37	11.49	
COM26AH	7/5/1994	N	16.69	11.17	
COM26AH	10/3/1994	N	16.93	10.93	
COM26AH	1/3/1995	N	17.45	10.41	
COM26AH	4/3/1995	N	19.21	8.65	
COM26AH	7/10/1995	N	17.14	10.72	
COM26AH	10/3/1995	N	18.07	9.79	
COM26AH	11/8/1995	N	16.65	11.21	
COM26AH	4/1/1996	N	18.01	9.85	
COM26AH	10/7/1996	N	16.23	11.63	
COM26AH	4/7/1997	N	17.23	10.63	
COM26AH	10/13/1997	N	14.48	11.42	
COM26AH	4/13/1998	N	17.25	8.65	
COM26AH	10/5/1998	N	14.98	10.92	
COM26AH	5/7/1999	N	15.43	10.47	
COM26AH	10/11/1999	N	15.12	10.78	
COM26AH	4/10/2000	N	15.98	9.92	
COM26AH	10/9/2000	N	14.82	11.08	
COM26AH	4/9/2001	N	16.05	9.85	
COM26AH	10/8/2001	N	15.59	10.31	25.9
COM26AH	10/11/2002	N	16.07	9.83	25.9
COM26AH	10/9/2003	N	15.59	10.31	25.9
COM26AH	10/4/2004	N	15.52	10.38	25.9
COM26AH	10/11/2005	N	15.85	10.05	25.9
COM27AH	10/1/1988	N	17.21	11.21	
COM27AH	12/1/1988	N	17.67	10.75	
COM27AH	3/1/1989	N	14.71	13.71	
COM27AH	4/1/1989	N	14.88	13.54	
COM27AH	8/1/1989	N	13.89	14.53	
COM27AH	10/1/1989	N	13.35	15.07	
COM27AH	1/1/1990	N	13.04	15.38	
COM27AH	4/1/1990	N	12.64	15.78	
COM27AH	7/1/1990	N	12.88	15.54	
COM27AH	10/1/1990	N	11.2	17.22	
COM27AH	1/1/1991	N	13.36	15.06	
COM27AH	4/1/1991	N	17.13	11.29	
COM27AH	7/1/1991	N	15.92	12.5	
COM27AH	10/7/1991	N	14.43	13.99	
COM27AH	1/6/1992	N	14.86	13.56	
COM27AH	4/6/1992	N	18.54	9.88	
COM27AH	7/6/1992	N	16.69	11.73	
COM27AH	10/5/1992	N	15.65	12.77	
COM27AH	1/4/1993	N	18.11	10.31	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM27AH	4/5/1993	N	19.15	9.27	
COM27AH	7/6/1993	N	17.59	10.83	
COM27AH	10/4/1993	N	15.8	12.62	
COM27AH	1/3/1994	N	17.38	11.04	
COM27AH	4/4/1994	N	17.66	10.76	
COM27AH	7/5/1994	N	17.71	10.71	
COM27AH	10/3/1994	N	17.93	10.49	
COM27AH	1/3/1995	N	18.37	10.05	
COM27AH	4/3/1995	N	19.54	8.88	
COM27AH	7/10/1995	N	17.93	10.49	
COM27AH	10/3/1995	N	18.68	9.74	
COM27AH	11/8/1995	N	17.48	10.94	
COM27AH	4/1/1996	N	18.52	9.9	
COM27AH	10/7/1996	N	17.17	11.25	
COM27AH	4/7/1997	N	17.94	10.48	
COM27AH	10/13/1997	N	15.67	11.11	
COM27AH	4/13/1998	N	17.85	8.93	
COM27AH	10/5/1998	N	16.03	10.75	
COM27AH	5/7/1999	N	16.34	10.44	
COM27AH	10/11/1999	N	16.01	10.77	
COM27AH	4/10/2000	N	16.78	10	
COM27AH	10/9/2000	N	15.95	10.83	
COM27AH	4/9/2001	N	16.84	9.94	
COM27AH	10/8/2001	N	16.36	10.42	26.78
COM27AH	10/11/2002	N	16.87	9.91	26.78
COM27AH	10/9/2003	N	16.59	10.19	26.78
COM27AH	10/4/2004	N	16.53	10.25	26.78
COM27AH	10/11/2005	N	16.67	10.11	26.78
COM27B1H	1/6/1992	N	15.48	12.5	
COM27B1H	4/6/1992	N	17.62	10.36	
COM27B1H	7/6/1992	N	16.47	11.51	
COM27B1H	10/5/1992	N	16.08	11.9	
COM27B1H	1/4/1993	N	17.93	10.05	
COM27B1H	4/5/1993	N	21.3	6.68	
COM27B1H	7/6/1993	N	16.16	11.82	
COM27B1H	10/4/1993	N	14.13	13.85	
COM27B1H	1/3/1994	N	15.35	12.63	
COM27B1H	4/4/1994	N	15.96	12.02	
COM27B1H	7/5/1994	N	16.61	11.37	
COM27B1H	10/3/1994	N	17.14	10.84	
COM27B1H	1/3/1995	N	16.54	11.44	
COM27B1H	4/3/1995	N	18.23	9.75	
COM27B1H	7/10/1995	N	17.4	10.58	
COM27B1H	10/3/1995	N	17.6	10.38	
COM27B1H	11/8/1995	N	15.69	12.29	
COM27B1H	4/1/1996	N	17.99	9.99	
COM27B1H	10/7/1996	N	15.94	12.04	
COM27B1H	4/7/1997	N	17.16	10.82	
COM27B1H	10/13/1997	N	14.4	11.97	
COM27B1H	4/13/1998	N	18.25	8.12	
COM27B1H	10/5/1998	N	16.47	9.9	
COM27B1H	5/7/1999	N	16.83	9.54	
COM27B1H	10/11/1999	N	15.41	10.96	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM27B1H	4/10/2000	N	16.2	10.17	
COM27B1H	10/9/2000	N	15.11	11.26	
COM27B1H	4/9/2001	N	15.66	10.71	
COM27B1H	10/8/2001	N	16.35	10.02	26.37
COM27B1H	10/11/2002	N	16.24	10.13	26.37
COM27B1H	10/9/2003	N	15.74	10.63	26.37
COM27B1H	10/4/2004	N	15.8	10.57	26.37
COM27B1H	10/11/2005	N	16.02	10.35	26.37
COM27B3H	1/6/1992	N	13.96	14.48	
COM27B3H	4/6/1992	N	16.98	11.46	
COM27B3H	7/6/1992	N	15.12	13.32	
COM27B3H	10/5/1992	N	13.8	14.64	
COM27B3H	1/4/1993	N	15.54	12.9	
COM27B3H	4/5/1993	N	18	10.44	
COM27B3H	7/6/1993	N	14.46	13.98	
COM27B3H	10/4/1993	N	11.79	16.65	
COM27B3H	1/3/1994	N	13.41	15.03	
COM27B3H	4/4/1994	N	14.01	14.43	
COM27B3H	7/5/1994	N	16.2	12.24	
COM27B3H	10/3/1994	N	17.31	11.13	
COM27B3H	1/3/1995	N	16.31	12.13	
COM27B3H	4/3/1995	N	17.58	10.86	
COM27B3H	7/10/1995	N	14.81	13.63	
COM27B3H	10/3/1995	N	18.15	10.29	
COM27B3H	11/8/1995	N	14.14	14.3	
COM27B3H	4/1/1996	N	16.17	12.27	
COM27B3H	10/7/1996	N	13.91	14.53	
COM27B3H	4/7/1997	N	15.88	12.56	
COM27B3H	10/13/1997	N	13.33	13.62	
COM27B3H	4/13/1998	N	15.66	11.29	
COM27B3H	10/6/1998	N	13.53	13.42	
COM27B3H	5/7/1999	N	14.03	12.92	
COM27B3H	10/11/1999	N	14.58	12.37	
COM27B3H	4/10/2000	N	15.41	11.54	
COM27B3H	10/9/2000	N	13.63	13.32	
COM27B3H	4/9/2001	N	15.36	11.59	
COM27B3H	10/8/2001	N	14.95	12	26.95
COM27B3H	10/11/2002	N	16.62	10.33	26.95
COM27B3H	10/9/2003	N	15.47	11.48	26.95
COM27B3H	10/4/2004	N	14.95	12	26.95
COM27B3H	10/11/2005	N	15.4	11.55	26.95
COM28B2	12/1/1988	N	10.29	14.64	
COM28B2	3/1/1989	N	11.65	13.28	
COM28B2	4/1/1989	N	11.9	13.03	
COM28B2	8/1/1989	N	9.4	15.53	
COM28B2	10/1/1989	N	8.86	16.07	
COM28B2	1/1/1990	N	9.29	15.64	
COM28B2	4/1/1990	N	9.58	15.35	
COM28B2	7/1/1990	N	9.21	15.72	
COM28B2	10/1/1990	N	8.57	16.36	
COM28B2	1/1/1991	N	9.63	15.3	
COM28B2	4/1/1991	N	13.41	11.52	
COM28B2	7/1/1991	N	11.25	13.68	

Notes:

All values are in feet.

Locus TECHNOLOGIES

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM28B2	10/7/1991	N	10.21	14.72	
COM28B2	1/6/1992	N	11.43	13.5	
COM28B2	4/6/1992	N	14.17	10.76	
COM28B2	7/6/1992	N	11.81	13.12	
COM28B2	10/5/1992	N	9.32	15.61	
COM28B2	1/4/1993	N	10.88	14.05	
COM28B2	4/5/1993	N	12.25	12.68	
COM28B2	7/6/1993	N	10.32	14.61	
COM28B2	10/4/1993	N	8.08	16.85	
COM28B2	1/3/1994	N	9.35	15.58	
COM28B2	4/4/1994	N	10.83	14.1	
COM28B2	7/5/1994	N	10.74	14.19	
COM28B2	10/3/1994	N	13.5	11.43	
COM28B2	1/3/1995	N	11.47	13.46	
COM28B2	4/3/1995	N	13.87	11.06	
COM28B2	7/10/1995	N	11.39	13.54	
COM28B2	10/3/1995	N	14.82	10.11	
COM28B2	11/8/1995	N	10.08	14.85	
COM28B2	4/1/1996	N	12.69	12.24	
COM28B2	10/7/1996	N	10.96	13.97	
COM28B2	4/7/1997	N	12.09	12.84	
COM28B2	10/13/1997	N	8.63	15.08	
COM28B2	10/6/1998	N	9.95	13.76	
COM28B2	5/7/1999	N	10.33	13.38	
COM28B2	10/11/1999	N	9.68	14.03	
COM28B2	4/10/2000	N	10.43	13.28	
COM28B2	10/9/2000	N	9.14	14.57	
COM28B2	4/9/2001	N	11.29	12.42	
COM28B2	10/8/2001	N	10.21	13.5	23.71
COM28B2	10/11/2002	N	13.22	10.49	23.71
COM28B2	10/9/2003	N	10.17	13.54	23.71
COM28B2	10/4/2004	N	10.42	13.29	23.71
COM28B2	10/11/2005	N	10.93	12.78	23.71
COM29A	12/1/1988	N	25.19	11.19	
COM29A	3/1/1989	N	25.56	10.82	
COM29A	4/1/1989	N	25.04	11.34	
COM29A	8/1/1989	N	24.26	12.12	
COM29A	10/1/1989	N	23.85	12.53	
COM29A	1/1/1990	N	23.82	12.56	
COM29A	4/1/1990	N	23.31	13.07	
COM29A	7/1/1990	N	22.82	13.56	
COM29A	10/1/1990	N	22.45	13.93	
COM29A	1/1/1991	N	23.16	13.22	
COM29A	4/1/1991	N	25.16	11.22	
COM29A	7/1/1991	N	23.96	12.42	
COM29A	10/7/1991	N	23.25	13.13	
COM29A	1/6/1992	N	24.26	12.12	
COM29A	4/6/1992	N	25.46	10.92	
COM29A	7/6/1992	N	23.81	12.57	
COM29A	10/5/1992	N	24.68	11.7	
COM29A	1/4/1993	N	24.47	11.91	
COM29A	4/5/1993	N	25.99	10.39	
COM29A	7/6/1993	N	24.09	12.29	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM29A	10/4/1993	N	23.31	13.07	
COM29A	1/3/1994	N	23.81	12.57	
COM29A	4/4/1994	N	24.27	12.11	
COM29A	7/5/1994	N	24.17	12.21	
COM29A	10/3/1994	N	24.58	11.8	
COM29A	1/3/1995	N	25.83	10.55	
COM29A	4/3/1995	N	28.36	8.02	
COM29A	7/10/1995	N	25.54	10.84	
COM29A	10/3/1995	N	24.66	11.72	
COM29A	11/8/1995	N	24.24	12.14	
COM29A	4/1/1996	N	26.26	10.12	
COM29A	10/7/1996	N	24.83	11.55	
COM29A	4/7/1997	N	26.65	9.73	
COM29A	10/13/1997	N	23.89	11.18	
COM29A	4/13/1998	N	27.15	7.92	
COM29A	10/5/1998	N	23.81	11.26	
COM29A	5/7/1999	N	24.39	10.68	
COM29A	10/11/1999	N	23.95	11.12	
COM29A	4/10/2000	N	25.26	9.81	
COM29A	10/9/2000	N	22.45	12.62	
COM29A	4/9/2001	N	25.95	9.12	
COM29A	10/8/2001	N	24.92	10.15	35.07
COM29A	10/11/2002	N	25.07	10	35.07
COM29A	10/9/2003	N	24.34	10.73	35.07
COM29A	10/4/2004	N	24.26	10.81	35.07
COM29A	10/11/2005	N	26.53	8.54	35.07
COM29A2	12/1/1988	N	25.02	11.55	
COM29A2	3/1/1989	N	25.12	11.45	
COM29A2	4/1/1989	N	24.71	11.86	
COM29A2	8/1/1989	N	23.94	12.63	
COM29A2	10/1/1989	N	23.57	13	
COM29A2	1/1/1990	N	23.61	12.96	
COM29A2	4/1/1990	N	22.56	14.01	
COM29A2	7/1/1990	N	22.18	14.39	
COM29A2	10/1/1990	N	21.75	14.82	
COM29A2	1/1/1991	N	22.35	14.22	
COM29A2	4/1/1991	N	24.07	12.5	
COM29A2	7/1/1991	N	23.27	13.3	
COM29A2	10/7/1991	N	22.69	13.88	
COM29A2	1/6/1992	N	23.85	12.72	
COM29A2	4/6/1992	N	24.62	11.95	
COM29A2	7/6/1992	N	23.05	13.52	
COM29A2	10/5/1992	N	24.35	12.22	
COM29A2	1/4/1993	N	23.66	12.91	
COM29A2	4/5/1993	N	25.06	11.51	
COM29A2	7/6/1993	N	23.33	13.24	
COM29A2	10/4/1993	N	22.69	13.88	
COM29A2	1/3/1994	N	23.05	13.52	
COM29A2	4/4/1994	N	23.47	13.1	
COM29A2	7/5/1994	N	23.57	13	
COM29A2	10/3/1994	N	24.43	12.14	
COM29A2	1/3/1995	N	24.65	11.92	
COM29A2	4/3/1995	N	27.56	9.01	

Notes:
All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM29A2	7/10/1995	N	24.85	11.72	
COM29A2	10/3/1995	N	24.06	12.51	
COM29A2	11/8/1995	N	23.58	12.99	
COM29A2	4/1/1996	N	25.42	11.15	
COM29A2	10/7/1996	N	23.92	12.65	
COM29A2	4/7/1997	N	25.64	10.93	
COM29A2	10/13/1997	N	23.16	12.21	
COM29A2	4/13/1998	N	26.93	8.44	
COM29A2	10/5/1998	N	23.32	12.05	
COM29A2	5/7/1999	N	23.52	11.85	
COM29A2	10/11/1999	N	23.52	11.85	
COM29A2	4/10/2000	N	24.36	11.01	
COM29A2	10/9/2000	N	23.44	11.93	
COM29A2	4/9/2001	N	25.24	10.13	
COM29A2	10/8/2001	N	24.18	11.2	35.37
COM29A2	10/11/2002	N	24.75	10.62	35.37
COM29A2	10/9/2003	N	25.27	10.1	35.37
COM29A2	10/4/2004	N	25.61	9.76	35.37
COM29A2	10/11/2005	N	26.8	8.57	35.37
COM29B1	10/1/1989	N	22.79	14.28	
COM29B1	1/1/1990	N	23.02	14.05	
COM29B1	4/1/1990	N	21.82	15.25	
COM29B1	7/1/1990	N	21.35	15.72	
COM29B1	10/1/1990	N	20.86	16.21	
COM29B1	1/1/1991	N	21.69	15.38	
COM29B1	4/1/1991	N	22.97	14.1	
COM29B1	7/1/1991	N	22.05	15.02	
COM29B1	10/7/1991	N	21.75	15.32	
COM29B1	1/6/1992	N	22.95	14.12	
COM29B1	4/6/1992	N	23.7	13.37	
COM29B1	7/6/1992	N	22.71	14.36	
COM29B1	10/5/1992	N	23.88	13.19	
COM29B1	1/4/1993	N	22.64	14.43	
COM29B1	4/5/1993	Y			
COM29B1	7/6/1993	N	22.82	14.25	
COM29B1	10/4/1993	Y			
COM29B1	1/3/1994	N	22.08	14.99	
COM29B1	4/4/1994	N	22.58	14.49	
COM29B1	7/5/1994	N	22.68	14.39	
COM29B1	10/3/1994	N	24.14	12.93	
COM29B1	1/3/1995	N	23.45	13.62	
COM29B1	4/3/1995	N	26.43	10.64	
COM29B1	7/10/1995	N	24.13	12.94	
COM29B1	10/3/1995	N	23.61	13.46	
COM29B1	11/8/1995	N	22.84	14.23	
COM29B1	4/1/1996	N	24.63	12.44	
COM29B1	10/7/1996	N	22.95	14.12	
COM29B1	4/7/1997	N	25.01	12.06	
COM29B1	10/13/1997	N	22.49	13.43	
COM29B1	4/13/1998	N	26.03	9.89	
COM29B1	10/6/1998	N	22.91	13.01	
COM29B1	5/7/1999	N	22.77	13.15	
COM29B1	10/11/1999	N	23	12.92	

Notes:

All values are in feet.

Locus TECHNOLOGIES

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM29B1	4/10/2000	N	23.46	12.46	
COM29B1	10/9/2000	N	21.96	13.96	
COM29B1	4/9/2001	N	23.37	12.55	
COM29B1	10/8/2001	N	23.14	12.78	35.92
COM29B1	10/11/2002	N	24.27	11.65	35.92
COM29B1	10/9/2003	N	24.28	11.64	35.92
COM29B1	10/4/2004	N	24.48	11.44	35.92
COM29B1	10/11/2005	N	26.16	9.76	35.92
COM31B1	10/1/1988	N	22.5	13.74	
COM31B1	12/1/1988	N	22.62	13.62	
COM31B1	3/1/1989	N	21.55	14.69	
COM31B1	4/1/1989	N	9.63	26.61	
COM31B1	8/1/1989	N	8.46	27.78	
COM31B1	10/1/1989	N	5.74	30.5	
COM31B1	1/1/1990	N	8.07	28.17	
COM31B1	4/1/1990	N	6.23	30.01	
COM31B1	7/1/1990	N	12.61	23.63	
COM31B1	10/1/1990	N	14.65	21.59	
COM31B1	1/1/1991	N	11.89	24.35	
COM31B1	4/1/1991	N	5.62	30.62	
COM31B1	7/1/1991	N	13.47	22.77	
COM31B1	10/7/1991	N	5.85	30.39	
COM31B1	1/6/1992	N	14.59	21.65	
COM31B1	4/6/1992	N	5.73	30.51	
COM31B1	7/6/1992	N	5.72	30.52	
COM31B1	10/5/1992	N	20.5	15.74	
COM31B1	1/4/1993	N	8.94	27.3	
COM31B1	4/5/1993	N	11.54	24.7	
COM31B1	7/6/1993	N	13.04	23.2	
COM31B1	10/4/1993	N	10.38	25.86	
COM31B1	1/3/1994	N	11.65	24.59	
COM31B1	4/4/1994	N	10.85	25.39	
COM31B1	7/5/1994	N	8.24	28	
COM31B1	10/3/1994	N	22.42	13.82	
COM31B1	1/3/1995	N	10.64	25.6	
COM31B1	4/3/1995	N	19.51	16.73	
COM31B1	7/10/1995	N	14.16	22.08	
COM31B1	10/3/1995	N	6.84	29.4	
COM31B1	11/8/1995	N	14.87	21.37	
COM31B1	4/1/1996	N	18.21	18.03	
COM31B1	10/7/1996	N	15.38	20.86	
COM31B1	4/7/1997	N	18.38	17.86	
COM31B1	10/13/1997	N	19.04	15.58	
COM31B1	4/13/1998	N	10.36	24.26	
COM31B1	10/6/1998	N	13.6	21.02	
COM31B1	5/7/1999	N	10.81	23.81	
COM31B1	10/11/1999	N	13.53	21.1	
COM31B1	4/10/2000	N	10.59	24.03	
COM31B1	10/9/2000	N	4.64	29.98	
COM31B1	4/9/2001	N	9	25.62	
COM31B1	10/8/2001	N	16.22	18.4	34.62
COM31B1	10/11/2002	N	1.07	33.55	34.62
COM31B1	10/9/2003	N	0.87	33.75	34.62

Notes:

All values are in feet.

Locus TECHNOLOGIES

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM31B1	10/4/2004	N	1.59	33.03	34.62
COM31B1	10/11/2005	N	1.05	33.57	34.62
COM32B1	12/1/1988	N	17.72	17.73	
COM32B1	3/1/1989	N	16.81	18.64	
COM32B1	4/1/1989	N	17.26	18.19	
COM32B1	8/1/1989	N	15.54	19.91	
COM32B1	10/1/1989	N	11.55	23.9	
COM32B1	1/1/1990	N	15.26	20.19	
COM32B1	4/1/1990	N	15.54	19.91	
COM32B1	7/1/1990	N	13.95	21.5	
COM32B1	10/1/1990	N	14.49	20.96	
COM32B1	1/1/1991	N	15.31	20.14	
COM32B1	4/1/1991	N	17.72	17.73	
COM32B1	7/1/1991	N	17.16	18.29	
COM32B1	10/7/1991	N	16.1	19.35	
COM32B1	1/6/1992	N	16.98	18.47	
COM32B1	4/6/1992	N	19.58	15.87	
COM32B1	7/6/1992	N	17.84	17.61	
COM32B1	10/5/1992	N	20.36	15.09	
COM32B1	1/4/1993	N	16.8	18.65	
COM32B1	4/5/1993	N	19.88	15.57	
COM32B1	7/6/1993	N	17.75	17.7	
COM32B1	10/4/1993	N	16.32	19.13	
COM32B1	1/3/1994	N	16.11	19.34	
COM32B1	4/4/1994	N	16.81	18.64	
COM32B1	7/5/1994	N	16.9	18.55	
COM32B1	10/3/1994	N	20.88	14.57	
COM32B1	1/3/1995	N	16.46	18.99	
COM32B1	4/3/1995	N	20.49	14.96	
COM32B1	7/10/1995	N	18.47	16.98	
COM32B1	10/3/1995	N	17.98	17.47	
COM32B1	11/8/1995	N	17.17	18.28	
COM32B1	4/1/1996	N	18.8	16.65	
COM32B1	10/7/1996	N	16.23	19.22	
COM32B1	4/7/1997	N	19.25	16.2	
COM32B1	10/13/1997	N	15.49	17.34	
COM32B1	4/13/1998	N	19.69	13.14	
COM32B1	10/6/1998	N	17.54	15.29	
COM32B1	5/7/1999	N	16.28	16.55	
COM32B1	10/11/1999	N	16.15	16.69	
COM32B1	4/10/2000	N	17.42	15.41	
COM32B1	10/9/2000	N	14.96	17.87	
COM32B1	4/9/2001	N	17.01	15.82	
COM32B1	10/8/2001	N	16.01	16.82	32.83
COM32B1	10/11/2002	N	16.65	16.18	32.83
COM32B1	10/9/2003	N	17.25	15.58	32.83
COM32B1	10/4/2004	N	18.32	14.51	32.83
COM32B1	10/11/2005	N	19.1	13.73	32.83
COM33B1	12/1/1988	N	11.04	14.34	
COM33B1	3/1/1989	N	10.61	14.77	
COM33B1	4/1/1989	N	10.77	14.61	
COM33B1	8/1/1989	N	9.09	16.29	
COM33B1	10/1/1989	N	8.71	16.67	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM33B1	1/1/1990	N	8.95	16.43	
COM33B1	4/1/1990	N	9.37	16.01	
COM33B1	7/1/1990	N	8.8	16.58	
COM33B1	10/1/1990	N	8.09	17.29	
COM33B1	1/1/1991	N	8.99	16.39	
COM33B1	4/1/1991	N	12.54	12.84	
COM33B1	7/1/1991	N	10.29	15.09	
COM33B1	10/7/1991	N	9.23	16.15	
COM33B1	1/6/1992	N	10.36	15.02	
COM33B1	4/6/1992	N	13.42	11.96	
COM33B1	7/6/1992	N	10.72	14.66	
COM33B1	10/5/1992	N	9.56	15.82	
COM33B1	1/4/1993	N	12.2	13.18	
COM33B1	4/5/1993	N	14.98	10.4	
COM33B1	7/6/1993	N	11.54	13.84	
COM33B1	10/4/1993	N	9.3	16.08	
COM33B1	1/3/1994	N	10.4	14.98	
COM33B1	4/4/1994	N	11.77	13.61	
COM33B1	7/5/1994	N	11.05	14.33	
COM33B1	10/3/1994	N	10.89	14.49	
COM33B1	1/3/1995	N	12.1	13.28	
COM33B1	4/3/1995	N	15.76	9.62	
COM33B1	7/10/1995	N	12.38	13	
COM33B1	10/3/1995	N	12.04	13.34	
COM33B1	11/8/1995	N	11.05	14.33	
COM33B1	4/1/1996	N	14.44	10.94	
COM33B1	10/7/1996	N	11.04	14.34	
COM33B1	4/7/1997	N	12.93	12.45	
COM33B1	10/13/1997	N	8.46	15.57	
COM33B1	4/13/1998	N	13.62	10.41	
COM33B1	10/6/1998	N	9.69	14.34	
COM33B1	5/7/1999	N	11.27	12.76	
COM33B1	10/11/1999	N	9.51	14.52	
COM33B1	4/10/2000	N	12.29	11.74	
COM33B1	10/9/2000	N	9.38	14.65	
COM33B1	4/9/2001	N	12.11	11.92	
COM33B1	10/8/2001	N	10.78	13.25	24.03
COM33B1	10/11/2002	N	10.49	13.54	24.03
COM33B1	10/9/2003	N	10.14	13.89	24.03
COM33B1	10/4/2004	N	10.33	13.7	24.03
COM33B1	10/11/2005	N	10.48	13.55	24.03
COM33B3	12/1/1988	N	11.5	13.88	
COM33B3	3/1/1989	N	11.84	13.54	
COM33B3	4/1/1989	N	12.26	13.12	
COM33B3	8/1/1989	N	11.31	14.07	
COM33B3	10/1/1989	N	10.95	14.43	
COM33B3	1/1/1990	N	11.11	14.27	
COM33B3	4/1/1990	N	11.61	13.77	
COM33B3	7/1/1990	N	11.24	14.14	
COM33B3	10/1/1990	N	10.79	14.59	
COM33B3	1/1/1991	N	11.72	13.66	
COM33B3	4/1/1991	N	14.63	10.75	
COM33B3	7/1/1991	N	12.94	12.44	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM33B3	10/7/1991	N	11.98	13.4	
COM33B3	1/6/1992	N	13.16	12.22	
COM33B3	4/6/1992	N	15.22	10.16	
COM33B3	7/6/1992	N	13.6	11.78	
COM33B3	10/5/1992	N	12.58	12.8	
COM33B3	1/4/1993	N	14.16	11.22	
COM33B3	4/5/1993	N	15.92	9.46	
COM33B3	7/6/1993	N	14.45	10.93	
COM33B3	10/4/1993	N	12.47	12.91	
COM33B3	1/3/1994	N	13.74	11.64	
COM33B3	4/4/1994	N	14.7	10.68	
COM33B3	7/5/1994	N	14.59	10.79	
COM33B3	10/3/1994	N	14.22	11.16	
COM33B3	1/3/1995	N	14.52	10.86	
COM33B3	4/3/1995	N	17.6	7.78	
COM33B3	7/10/1995	N	15.98	9.4	
COM33B3	10/3/1995	N	15.75	9.63	
COM33B3	11/8/1995	N	14.69	10.69	
COM33B3	4/1/1996	N	16.91	8.47	
COM33B3	10/7/1996	N	14.66	10.72	
COM33B3	4/7/1997	N	17.19	8.19	
COM33B3	10/13/1997	N	13.06	10.74	
COM33B3	4/13/1998	N	16.44	7.36	
COM33B3	10/6/1998	N	14.47	9.33	
COM33B3	5/7/1999	N	15.52	8.28	
COM33B3	10/11/1999	N	14.33	9.47	
COM33B3	4/10/2000	N	16.15	7.65	
COM33B3	10/9/2000	N	14.01	9.79	
COM33B3	4/9/2001	N	16.01	7.79	
COM33B3	10/8/2001	N	15.74	8.06	23.8
COM33B3	10/11/2002	N	15.18	8.62	23.8
COM33B3	10/9/2003	N	14.97	8.83	23.8
COM33B3	10/4/2004	N	14.94	8.86	23.8
COM33B3	10/11/2005	N	15.35	8.45	23.8
COM34B1	12/1/1988	N	21.84	13.67	
COM34B1	3/1/1989	N	21.37	14.14	
COM34B1	4/1/1989	N	20.59	14.92	
COM34B1	8/1/1989	N	19.53	15.98	
COM34B1	10/1/1989	N	18.69	16.82	
COM34B1	1/1/1990	N	18.79	16.72	
COM34B1	4/1/1990	N	18.01	17.5	
COM34B1	7/1/1990	N	17.49	18.02	
COM34B1	10/1/1990	N	18.56	16.95	
COM34B1	1/1/1991	N	18.65	16.86	
COM34B1	4/1/1991	N	19.11	16.4	
COM34B1	7/1/1991	N	18.62	16.89	
COM34B1	10/7/1991	N	18.46	17.05	
COM34B1	1/6/1992	N	19.26	16.25	
COM34B1	4/6/1992	N	20.09	15.42	
COM34B1	7/6/1992	N	19.12	16.39	
COM34B1	10/5/1992	N	22.72	12.79	
COM34B1	1/4/1993	N	19.6	15.91	
COM34B1	4/5/1993	N	21.07	14.44	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM34B1	7/6/1993	N	19.68	15.83	
COM34B1	10/4/1993	N	18.71	16.8	
COM34B1	1/3/1994	N	18.7	16.81	
COM34B1	4/4/1994	N	19.03	16.48	
COM34B1	7/5/1994	N	18.99	16.52	
COM34B1	10/3/1994	N	21.55	13.96	
COM34B1	1/3/1995	N	19.45	16.06	
COM34B1	4/3/1995	N	23.68	11.83	
COM34B1	7/10/1995	N	20.95	14.56	
COM34B1	10/3/1995	N	20.18	15.33	
COM34B1	11/8/1995	N	19.82	15.69	
COM34B1	4/1/1996	N	21.34	14.17	
COM34B1	10/7/1996	N	19.49	16.02	
COM34B1	4/7/1997	N	22.1	13.41	
COM34B1	10/13/1997	N	18.16	14.93	
COM34B1	4/13/1998	N	21.9	11.19	
COM34B1	10/6/1998	N	18.54	14.55	
COM34B1	5/7/1999	N	18.62	14.47	
COM34B1	10/11/1999	N	18.38	14.71	
COM34B1	4/10/2000	N	19.43	13.66	
COM34B1	10/9/2000	N	17.72	15.37	
COM34B1	4/9/2001	N	19.81	13.28	
COM34B1	10/8/2001	N	19.01	14.08	33.09
COM34B1	10/11/2002	N	20.12	12.97	33.09
COM34B1	10/9/2003	N	20.04	13.05	33.09
COM34B1	10/4/2004	N	20.82	12.27	33.09
COM34B1	10/11/2005	N	21.99	11.1	33.09
COM35B2	12/1/1988	N	9.74	16.58	
COM35B2	3/1/1989	N	11.53	14.79	
COM35B2	4/1/1989	N	11.43	14.89	
COM35B2	8/1/1989	N	9.65	16.67	
COM35B2	10/1/1989	N	9.45	16.87	
COM35B2	1/1/1990	N	9.88	16.44	
COM35B2	4/1/1990	N	9.58	16.74	
COM35B2	7/1/1990	N	9.42	16.9	
COM35B2	10/1/1990	N	8.88	17.44	
COM35B2	1/1/1991	N	9.83	16.49	
COM35B2	4/1/1991	N	13.88	12.44	
COM35B2	7/1/1991	N	10.97	15.35	
COM35B2	10/7/1991	N	10.16	16.16	
COM35B2	1/6/1992	N	12.38	13.94	
COM35B2	4/6/1992	N	14.77	11.55	
COM35B2	7/6/1992	N	12.11	14.21	
COM35B2	10/5/1992	N	10.37	15.95	
COM35B2	1/4/1993	N	12.9	13.42	
COM35B2	4/5/1993	N	13.89	12.43	
COM35B2	7/6/1993	N	12.47	13.85	
COM35B2	10/4/1993	N	10.24	16.08	
COM35B2	1/3/1994	N	12.1	14.22	
COM35B2	4/4/1994	N	13.04	13.28	
COM35B2	7/5/1994	N	13.06	13.26	
COM35B2	10/3/1994	N	13.17	13.15	
COM35B2	1/3/1995	N	9.39	16.93	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM35B2	4/3/1995	N	15.1	11.22	
COM35B2	7/10/1995	N	13.67	12.65	
COM35B2	10/3/1995	N	14.71	11.61	
COM35B2	11/8/1995	N	12.68	13.64	
COM35B2	4/1/1996	N	14.12	12.2	
COM35B2	10/7/1996	N	12.84	13.48	
COM35B2	4/7/1997	N	14.03	12.29	
COM35B2	10/13/1997	N	11.57	13.68	
COM35B2	4/13/1998	N	14.31	10.94	
COM35B2	10/6/1998	N	12.53	12.72	
COM35B2	5/7/1999	N	12.57	12.68	
COM35B2	10/11/1999	N	12.24	13.01	
COM35B2	4/10/2000	N	12.98	12.27	
COM35B2	10/9/2000	N	12.04	13.21	
COM35B2	4/9/2001	N	13.2	12.05	
COM35B2	10/8/2001	N	12.11	13.14	25.25
COM35B2	10/11/2002	N	13.44	11.81	25.25
COM35B2	10/9/2003	N	12.63	12.62	25.25
COM35B2	10/4/2004	N	12.7	12.55	25.25
COM35B2	10/11/2005	N	13.13	12.12	25.25
COM36B2	12/1/1988	N	27.21	8.18	
COM36B2	3/1/1989	N	27.3	8.09	
COM36B2	4/1/1989	N	26.96	8.43	
COM36B2	8/1/1989	N	26.26	9.13	
COM36B2	10/1/1989	N	25.84	9.55	
COM36B2	1/1/1990	N	25.81	9.58	
COM36B2	4/1/1990	N	25.78	9.61	
COM36B2	7/1/1990	N	25.36	10.03	
COM36B2	10/1/1990	N	24.86	10.53	
COM36B2	1/1/1991	N	25.5	9.89	
COM36B2	4/1/1991	N	27.19	8.2	
COM36B2	7/1/1991	N	26.15	9.24	
COM36B2	10/7/1991	N	25.64	9.75	
COM36B2	1/6/1992	N	26.57	8.82	
COM36B2	4/6/1992	N	27.91	7.48	
COM36B2	7/6/1992	N	26.72	8.67	
COM36B2	10/5/1992	N	27.05	8.34	
COM36B2	1/4/1993	N	26.81	8.58	
COM36B2	4/5/1993	N	28.7	6.69	
COM36B2	7/6/1993	N	27.14	8.25	
COM36B2	10/4/1993	N	26.45	8.94	
COM36B2	1/3/1994	N	27.02	8.37	
COM36B2	4/4/1994	N	27.66	7.73	
COM36B2	7/5/1994	N	27.58	7.81	
COM36B2	10/3/1994	N	28.39	7	
COM36B2	1/3/1995	N	28.1	7.29	
COM36B2	4/3/1995	N	30.21	5.18	
COM36B2	7/10/1995	N	29.03	6.36	
COM36B2	10/3/1995	N	28.76	6.63	
COM36B2	11/8/1995	N	28.18	7.21	
COM36B2	4/1/1996	N	29.61	5.78	
COM36B2	10/7/1996	N	28.28	7.11	
COM36B2	4/7/1997	N	29.92	5.47	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM36B2	10/13/1997	N	27.72	6.25	
COM36B2	4/13/1998	N	29.9	4.07	
COM36B2	10/6/1998	N	28.3	5.67	
COM36B2	5/7/1999	N	28.39	5.58	
COM36B2	10/11/1999	N	28.46	5.51	
COM36B2	4/10/2000	N	28.35	5.62	
COM36B2	10/9/2000	N	27.46	6.51	
COM36B2	4/9/2001	N	28.94	5.03	
COM36B2	10/8/2001	N	25.05	8.92	33.97
COM36B2	10/11/2002	N	28.97	5	33.97
COM36B2	10/9/2003	N	29.2	4.77	33.97
COM36B2	10/4/2004	N	29.34	4.63	33.97
COM36B2	10/11/2005	N	30.52	3.45	33.97
COM36B3	12/1/1988	N	21.74	10.71	
COM36B3	3/1/1989	N	22.18	10.27	
COM36B3	4/1/1989	N	21.79	10.66	
COM36B3	8/1/1989	N	21.35	11.1	
COM36B3	10/1/1989	N	20.7	11.75	
COM36B3	1/1/1990	N	21.19	11.26	
COM36B3	4/1/1990	N	22.17	10.28	
COM36B3	7/1/1990	N	21.74	10.71	
COM36B3	10/1/1990	N	21.95	10.5	
COM36B3	1/1/1991	N	22.01	10.44	
COM36B3	4/1/1991	N	23.88	8.57	
COM36B3	7/1/1991	N	22.67	9.78	
COM36B3	10/7/1991	N	22.18	10.27	
COM36B3	1/6/1992	N	23.1	9.35	
COM36B3	4/6/1992	N	25.44	7.01	
COM36B3	7/6/1992	N	23.98	8.47	
COM36B3	10/5/1992	N	24.58	7.87	
COM36B3	1/4/1993	N	23.63	8.82	
COM36B3	4/5/1993	N	26.08	6.37	
COM36B3	7/6/1993	N	25.23	7.22	
COM36B3	10/4/1993	N	23.75	8.7	
COM36B3	1/3/1994	N	25.46	6.99	
COM36B3	4/4/1994	N	26.25	6.2	
COM36B3	7/5/1994	N	26.15	6.3	
COM36B3	10/3/1994	N	26.31	6.14	
COM36B3	1/3/1995	N	26.82	5.63	
COM36B3	4/3/1995	N	29.63	2.82	
COM36B3	7/10/1995	N	28.82	3.63	
COM36B3	10/3/1995	N	28.81	3.64	
COM36B3	11/8/1995	N	28.34	4.11	
COM36B3	4/1/1996	N	30.18	2.27	
COM36B3	10/7/1996	N	28.37	4.08	
COM36B3	4/7/1997	N	31.47	0.98	
COM36B3	10/13/1997	N	31.73	2.2	
COM36B3	4/13/1998	Y	33.93		
COM36B3	10/6/1998	N	33.35	0.58	
COM36B3	5/7/1999	N	33.4	0.53	
COM36B3	10/11/1999	N	33.37	0.56	
COM36B3	4/10/2000	N	32.49	1.44	
COM36B3	10/9/2000	N	31.21	2.72	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM36B3	4/9/2001	N	33.11	0.82	
COM36B3	10/8/2001	N	31.63	2.3	33.93
COM36B3	10/11/2002	N	32.71	1.22	33.93
COM36B3	10/9/2003	N	33.16	0.77	33.93
COM36B3	10/4/2004	N	32.87	1.06	33.93
COM36B3	10/11/2005	N	33.91	0.02	33.93
COM37A	10/1/1988	N	16.25	10.21	
COM37A	12/1/1988	N	9.72	16.74	
COM37A	3/1/1989	N	9.81	16.65	
COM37A	4/1/1989	N	13.27	13.19	
COM37A	8/1/1989	N	11.62	14.84	
COM37A	10/1/1989	N	10.46	16	
COM37A	1/1/1990	N	10.62	15.84	
COM37A	4/1/1990	N	7.37	19.09	
COM37A	7/1/1990	N	6.77	19.69	
COM37A	10/1/1990	N	14.34	12.12	
COM37A	1/1/1991	N	14.5	11.96	
COM37A	4/1/1991	N	6.83	19.63	
COM37A	7/1/1991	N	7.48	18.98	
COM37A	10/7/1991	N	14.18	12.28	
COM37A	1/6/1992	N	6.71	19.75	
COM37A	4/6/1992	N	17.56	8.9	
COM37A	7/6/1992	N	8.59	17.87	
COM37A	10/5/1992	N	8.93	17.53	
COM37A	1/4/1993	N	17.92	8.54	
COM37A	4/5/1993	N	9.27	17.19	
COM37A	7/6/1993	N	7.83	18.63	
COM37A	10/4/1993	N	9.54	16.92	
COM37A	1/3/1994	N	9.04	17.42	
COM37A	4/4/1994	N	6.74	19.72	
COM37A	7/5/1994	N	7.21	19.25	
COM37A	10/3/1994	N	8.21	18.25	
COM37A	1/3/1995	N	7.92	18.54	
COM37A	4/3/1995	N	6.81	19.65	
COM37A	7/10/1995	N	7.56	18.9	
COM37A	10/3/1995	N	17.49	8.97	
COM37A	11/8/1995	N	7.95	18.51	
COM37A	4/1/1996	N	7.97	18.49	
COM37A	10/7/1996	N	7.94	18.52	
COM37A	4/7/1997	N	10.24	16.22	
COM37A	10/13/1997	N	6.79	18.58	
COM37A	4/13/1998	N	17.64	7.73	
COM37A	10/5/1998	N	14.56	10.81	
COM37A	5/7/1999	N	6.06	19.31	
COM37A	10/11/1999	N	8	17.38	
COM37A	4/10/2000	N	15.72	9.65	
COM37A	10/9/2000	N	7.89	17.48	
COM37A	4/9/2001	N	16.36	9.01	
COM37A	10/8/2001	N	15.28	10.09	25.37
COM37A	10/11/2002	N	15.24	10.13	25.37
COM37A	10/9/2003	N	14.75	10.62	25.37
COM37A	10/4/2004	N	7.56	17.81	25.37
COM37A	10/11/2005	N	12.97	12.4	25.37

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM37B1	12/1/1988	N	12.09	15.89	
COM37B1	3/1/1989	N	12.21	15.77	
COM37B1	4/1/1989	N	12.85	15.13	
COM37B1	8/1/1989	N	10.91	17.07	
COM37B1	10/1/1989	N	10.06	17.92	
COM37B1	1/1/1990	N	10.63	17.35	
COM37B1	4/1/1990	N	11.64	16.34	
COM37B1	7/1/1990	N	10.1	17.88	
COM37B1	10/1/1990	N	9.27	18.71	
COM37B1	1/1/1991	N	11.34	16.64	
COM37B1	4/1/1991	N	16.87	11.11	
COM37B1	7/1/1991	N	15.01	12.97	
COM37B1	10/7/1991	N	13.33	14.65	
COM37B1	1/6/1992	N	14.13	13.85	
COM37B1	4/6/1992	N	17.52	10.46	
COM37B1	7/6/1992	N	13.41	14.57	
COM37B1	10/5/1992	N	12.79	15.19	
COM37B1	1/4/1993	N	16.89	11.09	
COM37B1	4/5/1993	N	18.2	9.78	
COM37B1	7/6/1993	N	15.1	12.88	
COM37B1	10/4/1993	N	11.27	16.71	
COM37B1	1/3/1994	N	12.76	15.22	
COM37B1	4/4/1994	N	14.15	13.83	
COM37B1	7/5/1994	N	14.57	13.41	
COM37B1	10/3/1994	N	15.24	12.74	
COM37B1	1/3/1995	N	15.63	12.35	
COM37B1	4/3/1995	N	18.88	9.1	
COM37B1	7/10/1995	N	15.51	12.47	
COM37B1	10/3/1995	N	16.97	11.01	
COM37B1	11/8/1995	N	14.64	13.34	
COM37B1	4/1/1996	N	16.79	11.19	
COM37B1	10/7/1996	N	13.27	14.71	
COM37B1	4/7/1997	N	16.04	11.94	
COM37B1	10/13/1997	N	12.5	14.19	
COM37B1	4/13/1998	N	18.28	8.41	
COM37B1	10/6/1998	N	14.38	12.31	
COM37B1	5/7/1999	N	14.93	11.76	
COM37B1	10/11/1999	N	13.92	12.77	
COM37B1	4/10/2000	N	16.29	10.4	
COM37B1	10/9/2000	N	13.35	13.34	
COM37B1	4/9/2001	N	16.14	10.55	
COM37B1	10/8/2001	N	15.34	11.35	26.69
COM37B1	10/11/2002	N	15.46	11.23	26.69
COM37B1	10/9/2003	N	14.83	11.86	26.69
COM37B1	10/4/2004	N	16.1	10.59	26.69
COM37B1	10/11/2005	N	14.94	11.75	26.69
COM38A	10/1/1988	N	16.51	10.54	
COM38A	12/1/1988	N	15.6	11.45	
COM38A	3/1/1989	N	13.72	13.33	
COM38A	4/1/1989	N	13.76	13.29	
COM38A	8/1/1989	N	11.72	15.33	
COM38A	10/1/1989	N	10.31	16.74	
COM38A	1/1/1990	N	9.37	17.68	

Notes:

All values are in feet.

Locus TECHNOLOGIES

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM38A	4/1/1990	N	8.88	18.17	
COM38A	7/1/1990	N	9.27	17.78	
COM38A	10/1/1990	N	8.17	18.88	
COM38A	1/1/1991	N	8.43	18.62	
COM38A	4/1/1991	N	9.5	17.55	
COM38A	7/1/1991	N	8.87	18.18	
COM38A	10/7/1991	N	8.83	18.22	
COM38A	1/6/1992	N	9.56	17.49	
COM38A	4/6/1992	N	9.88	17.17	
COM38A	7/6/1992	N	9.91	17.14	
COM38A	10/5/1992	N	10.41	16.64	
COM38A	1/4/1993	N	10.26	16.79	
COM38A	4/5/1993	N	10.46	16.59	
COM38A	7/6/1993	N	9.97	17.08	
COM38A	10/4/1993	N	9.81	17.24	
COM38A	1/3/1994	N	10.37	16.68	
COM38A	4/4/1994	N	10.74	16.31	
COM38A	7/5/1994	N	9.85	17.2	
COM38A	10/3/1994	N	9.85	17.2	
COM38A	1/3/1995	N	9.95	17.1	
COM38A	4/3/1995	N	11.35	15.7	
COM38A	7/10/1995	N	10.52	16.53	
COM38A	10/3/1995	N	17.48	9.57	
COM38A	11/8/1995	N	10.7	16.35	
COM38A	4/1/1996	N	11.25	15.8	
COM38A	10/7/1996	N	10.99	16.06	
COM38A	4/7/1997	N	10.89	16.16	
COM38A	10/13/1997	N	8.69	16.73	
COM38A	4/13/1998	N	18.27	7.15	
COM38A	10/5/1998	N	9.64	15.78	
COM38A	5/7/1999	N	11.31	14.11	
COM38A	10/11/1999	N	8.11	17.32	
COM38A	4/10/2000	N	9.48	15.94	
COM38A	10/9/2000	N	8.42	17	
COM38A	4/9/2001	N	7.51	17.91	
COM38A	10/8/2001	N	15.16	10.26	25.42
COM38A	10/11/2002	N	14.87	10.55	25.42
COM38A	10/9/2003	N	13.79	11.63	25.42
COM38A	10/4/2004	N	13.88	11.54	25.42
COM38A	10/11/2005	N	7.5	17.92	25.42
COM38B1	10/1/1988	N	15.5	11.31	
COM38B1	12/1/1988	N	1.92	24.89	
COM38B1	3/1/1989	N	1.81	25	
COM38B1	4/1/1989	N	0.12	26.69	
COM38B1	8/1/1989	N	-6.68	33.49	
COM38B1	10/1/1989	N	-4.87	31.68	
COM38B1	1/1/1990	N	-0.87	27.68	
COM38B1	4/1/1990	N	0.7	26.11	
COM38B1	7/1/1990	N	-2.87	29.68	
COM38B1	10/1/1990	N	-9.21	36.02	
COM38B1	1/1/1991	N	-7.01	33.82	
COM38B1	4/1/1991	N	15.08	11.73	
COM38B1	7/1/1991	N	13.32	13.49	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM38B1	10/7/1991	N	-6.76	33.57	
COM38B1	1/6/1992	N	10.98	15.83	
COM38B1	4/6/1992	N	2.98	23.83	
COM38B1	7/6/1992	N	-3.88	30.69	
COM38B1	10/5/1992	N	-7.98	34.79	
COM38B1	1/4/1993	N	0.27	26.54	
COM38B1	4/5/1993	N	3.71	23.1	
COM38B1	7/6/1993	N	1.33	25.48	
COM38B1	10/4/1993	N	-3.43	30.24	
COM38B1	1/3/1994	N	-2.15	28.96	
COM38B1	4/4/1994	N	-1.96	28.77	
COM38B1	7/5/1994	N	-1.72	28.53	
COM38B1	10/3/1994	N	4.77	22.04	
COM38B1	1/3/1995	N	-1.3	28.11	
COM38B1	4/3/1995	N	3.99	22.82	
COM38B1	7/10/1995	N	-0.8	27.61	
COM38B1	10/3/1995	N	16.71	10.1	
COM38B1	11/8/1995	N	-1.15	27.96	
COM38B1	4/1/1996	N	-1.81	28.62	
COM38B1	10/7/1996	N	-3.02	29.83	
COM38B1	4/7/1997	N	4.54	22.27	
COM38B1	10/13/1997	N	-0.3	25.48	
COM38B1	4/13/1998	N	9.93	15.25	
COM38B1	10/6/1998	N	6.19	18.99	
COM38B1	5/7/1999	N	7.07	18.11	
COM38B1	10/11/1999	N	-1.41	26.61	
COM38B1	4/10/2000	N	14.26	10.92	
COM38B1	10/9/2000	N	-0.83	26.01	
COM38B1	4/9/2001	N	2.86	22.32	
COM38B1	10/8/2001	N	-0.3	25.49	25.18
COM38B1	10/11/2002	N	3.03	22.15	25.18
COM38B1	10/9/2003	N	1.19	23.99	25.18
COM38B1	10/4/2004	N	-0.37	25.55	25.18
COM38B1	10/11/2005	N	0.04	25.14	25.18
COM38B3	12/1/1988	N	11.08	16.59	
COM38B3	3/1/1989	N	12.02	15.65	
COM38B3	4/1/1989	N	12.3	15.37	
COM38B3	8/1/1989	N	10.71	16.96	
COM38B3	10/1/1989	N	8.87	18.8	
COM38B3	1/1/1990	N	10.05	17.62	
COM38B3	4/1/1990	N	10.39	17.28	
COM38B3	7/1/1990	N	9.48	18.19	
COM38B3	10/1/1990	N	8.95	18.72	
COM38B3	1/1/1991	N	10.01	17.66	
COM38B3	4/1/1991	N	14.73	12.94	
COM38B3	7/1/1991	N	13.96	13.71	
COM38B3	10/7/1991	N	11.28	16.39	
COM38B3	1/6/1992	N	12.15	15.52	
COM38B3	4/6/1992	N	15.09	12.58	
COM38B3	7/6/1992	N	12.28	15.39	
COM38B3	10/5/1992	N	10.66	17.01	
COM38B3	1/4/1993	N	12.74	14.93	
COM38B3	4/5/1993	N	16.07	11.6	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM38B3	7/6/1993	N	12.35	15.32	
COM38B3	10/4/1993	N	9.56	18.11	
COM38B3	1/3/1994	N	10.72	16.95	
COM38B3	4/4/1994	N	12.02	15.65	
COM38B3	7/5/1994	N	13.09	14.58	
COM38B3	10/3/1994	N	16.38	11.29	
COM38B3	1/3/1995	N	13.33	14.34	
COM38B3	4/3/1995	N	15.84	11.83	
COM38B3	7/10/1995	N	13.56	14.11	
COM38B3	10/3/1995	N	17.16	10.51	
COM38B3	11/8/1995	N	11.34	16.33	
COM38B3	4/1/1996	N	14.36	13.31	
COM38B3	10/7/1996	N	11.42	16.25	
COM38B3	4/7/1997	N	14.84	12.83	
COM38B3	10/13/1997	N	8.82	17.34	
COM38B3	4/13/1998	N	14.34	11.82	
COM38B3	10/6/1998	N	14.04	12.12	
COM38B3	5/7/1999	N	12.98	13.18	
COM38B3	10/11/1999	N	12.35	13.81	
COM38B3	4/10/2000	N	14	12.16	
COM38B3	10/9/2000	N	11.44	14.72	
COM38B3	4/9/2001	N	14.24	11.92	
COM38B3	10/8/2001	N	13.11	13.05	26.16
COM38B3	10/11/2002	N	15.41	10.75	26.16
COM38B3	10/9/2003	N	13.03	13.13	26.16
COM38B3	10/4/2004	N	13.26	12.9	26.16
COM38B3	10/11/2005	N	12.63	13.53	26.16
COM39A	10/1/1988	N	17.63	9.36	
COM39A	12/1/1988	N	15.28	11.71	
COM39A	3/1/1989	N	14.69	12.3	
COM39A	4/1/1989	N	15.06	11.93	
COM39A	8/1/1989	N	13.99	13	
COM39A	10/1/1989	N	13.45	13.54	
COM39A	1/1/1990	N	12.36	14.63	
COM39A	4/1/1990	N	10.41	16.58	
COM39A	7/1/1990	N	13.34	13.65	
COM39A	10/1/1990	N	12.6	14.39	
COM39A	1/1/1991	N	13.37	13.62	
COM39A	4/1/1991	N	10.32	16.67	
COM39A	7/1/1991	N	10.3	16.69	
COM39A	10/7/1991	N	13.86	13.13	
COM39A	1/6/1992	N	14.07	12.92	
COM39A	4/6/1992	N	11.33	15.66	
COM39A	7/6/1992	N	11.37	15.62	
COM39A	10/5/1992	N	11.8	15.19	
COM39A	1/4/1993	N	15.59	11.4	
COM39A	4/5/1993	N	11.79	15.2	
COM39A	7/6/1993	N	16.45	10.54	
COM39A	10/4/1993	N	11.85	15.14	
COM39A	1/3/1994	N	11.07	15.92	
COM39A	4/4/1994	N	11.46	15.53	
COM39A	7/5/1994	N	11.1	15.89	
COM39A	10/3/1994	N	11.26	15.73	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM39A	1/3/1995	N	17.51	9.48	
COM39A	4/3/1995	N	11.24	15.75	
COM39A	7/10/1995	N	11.42	15.57	
COM39A	10/3/1995	N	18.18	8.81	
COM39A	11/8/1995	N	11.21	15.78	
COM39A	4/1/1996	N	10.84	16.15	
COM39A	10/7/1996	N	11.82	15.17	
COM39A	4/7/1997	N	11.37	15.62	
COM39A	10/13/1997	N	9.44	15.38	
COM39A	4/13/1998	N	17.07	7.75	
COM39A	10/5/1998	N	9.18	15.64	
COM39A	5/7/1999	N	9.48	15.34	
COM39A	10/11/1999	N	15.12	9.7	
COM39A	4/10/2000	N	10.35	14.47	
COM39A	10/9/2000	N	12.06	12.76	
COM39A	4/9/2001	N	15.15	9.67	
COM39A	10/8/2001	N	12.54	12.28	24.82
COM39A	10/11/2002	N	13	11.82	24.82
COM39A	10/9/2003	N	13.07	11.75	24.82
COM39A	10/4/2004	N	12.7	12.12	24.82
COM39A	10/11/2005	N	13.77	11.05	24.82
COM41A	12/1/1988	N	9.76	15.25	
COM41A	3/1/1989	N	11.08	13.93	
COM41A	4/1/1989	N	10.93	14.08	
COM41A	8/1/1989	N	8.34	16.67	
COM41A	10/1/1989	N	8.01	17	
COM41A	1/1/1990	N	8.27	16.74	
COM41A	4/1/1990	N	8.52	16.49	
COM41A	7/1/1990	N	7.86	17.15	
COM41A	1/1/1991	N	8.03	16.98	
COM41A	4/1/1991	N	12.22	12.79	
COM41A	7/1/1991	N	9.55	15.46	
COM41A	10/7/1991	N	8.41	16.6	
COM41A	1/6/1992	N	9.56	15.45	
COM41A	4/6/1992	N	13.31	11.7	
COM41A	7/6/1992	N	10.04	14.97	
COM41A	10/5/1992	N	7.54	17.47	
COM41A	1/4/1993	N	12.05	12.96	
COM41A	4/5/1993	N	14.2	10.81	
COM41A	7/6/1993	N	10.77	14.24	
COM41A	10/4/1993	N	7.55	17.46	
COM41A	1/3/1994	N	9.51	15.5	
COM41A	4/4/1994	N	11.66	13.35	
COM41A	7/5/1994	N	10.49	14.52	
COM41A	10/3/1994	N	11.48	13.53	
COM41A	1/3/1995	N	11.63	13.38	
COM41A	4/3/1995	N	15.45	9.56	
COM41A	7/10/1995	N	12.1	12.91	
COM41A	10/3/1995	N	13.26	11.75	
COM41A	11/8/1995	N	11.08	13.93	
COM41A	4/1/1996	N	13.85	11.16	
COM41A	10/7/1996	N	11.29	13.72	
COM41A	4/7/1997	N	12.31	12.7	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM41A	10/13/1997	N	7.81	15.93	
COM41A	4/13/1998	N	12.86	10.88	
COM41A	10/5/1998	N	9.45	14.29	
COM41A	5/7/1999	N	10.52	13.22	
COM41A	10/11/1999	N	9.42	14.32	
COM41A	4/10/2000	N	11.55	12.19	
COM41A	10/9/2000	N	9.13	14.61	
COM41A	4/9/2001	N	11.54	12.2	
COM41A	10/8/2001	N	11.37	12.37	23.74
COM41A	10/11/2002	N	11.43	12.31	23.74
COM41A	10/9/2003	N	10.26	13.48	23.74
COM41A	10/4/2004	N	10.68	13.06	23.74
COM41A	10/11/2005	N	10.93	12.81	23.74
COM41B1	10/1/1988	N	12.27	12.07	
COM41B1	12/1/1988	N	7.74	16.6	
COM41B1	3/1/1989	N	10.97	13.37	
COM41B1	4/1/1989	N	10.95	13.39	
COM41B1	8/1/1989	N	6.32	18.02	
COM41B1	10/1/1989	N	6.46	17.88	
COM41B1	1/1/1990	N	6.79	17.55	
COM41B1	4/1/1990	N	7.06	17.28	
COM41B1	7/1/1990	N	5.52	18.82	
COM41B1	10/1/1990	N	5.49	18.85	
COM41B1	1/1/1991	N	6.52	17.82	
COM41B1	4/1/1991	N	10.49	13.85	
COM41B1	7/1/1991	N	8.09	16.25	
COM41B1	10/7/1991	N	6.97	17.37	
COM41B1	1/6/1992	N	8.34	16	
COM41B1	4/6/1992	N	11.67	12.67	
COM41B1	7/6/1992	N	8.97	15.37	
COM41B1	10/5/1992	N	4.55	19.79	
COM41B1	1/4/1993	N	9.02	15.32	
COM41B1	4/5/1993	N	10.7	13.64	
COM41B1	7/6/1993	N	8.19	16.15	
COM41B1	10/4/1993	N	5.03	19.31	
COM41B1	1/3/1994	N	7.01	17.33	
COM41B1	4/4/1994	N	10.04	14.3	
COM41B1	7/5/1994	N	8.08	16.26	
COM41B1	10/3/1994	N	11.93	12.41	
COM41B1	1/3/1995	N	9.31	15.03	
COM41B1	4/3/1995	N	12.82	11.52	
COM41B1	7/10/1995	N	11.54	12.8	
COM41B1	10/3/1995	N	13.36	10.98	
COM41B1	11/8/1995	N	9.01	15.33	
COM41B1	4/1/1996	N	12.1	12.24	
COM41B1	10/7/1996	N	10.34	14	
COM41B1	4/7/1997	N	8.86	15.48	
COM41B1	10/13/1997	N	2.36	20.43	
COM41B1	4/13/1998	N	7.33	15.46	
COM41B1	10/6/1998	N	4.56	18.23	
COM41B1	5/7/1999	N	5.09	17.7	
COM41B1	10/11/1999	N	3.19	19.61	
COM41B1	4/10/2000	N	4.53	18.26	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM41B1	10/9/2000	N	3.92	18.87	
COM41B1	4/9/2001	N	6.69	16.1	
COM41B1	10/8/2001	N	10.23	12.56	22.79
COM41B1	10/11/2002	N	9.07	13.72	22.79
COM41B1	10/9/2003	N	3.94	18.85	22.79
COM41B1	10/4/2004	N	5.7	17.09	22.79
COM41B1	10/11/2005	N	4.78	18.01	22.79
COM41B4	12/1/1988	N	12.49	13.21	
COM41B4	3/1/1989	N	13.04	12.66	
COM41B4	4/1/1989	N	12.98	12.72	
COM41B4	8/1/1989	N	12.46	13.24	
COM41B4	10/1/1989	N	12.25	13.45	
COM41B4	1/1/1990	N	12.42	13.28	
COM41B4	4/1/1990	N	13.02	12.68	
COM41B4	7/1/1990	N	12.57	13.13	
COM41B4	10/1/1990	N	12.38	13.32	
COM41B4	1/1/1991	N	13.22	12.48	
COM41B4	4/1/1991	N	15.67	10.03	
COM41B4	7/1/1991	N	14.04	11.66	
COM41B4	10/7/1991	N	13.48	12.22	
COM41B4	1/6/1992	N	14.26	11.44	
COM41B4	4/6/1992	N	16.94	8.76	
COM41B4	7/6/1992	N	15.03	10.67	
COM41B4	10/5/1992	N	14.22	11.48	
COM41B4	1/4/1993	N	15.85	9.85	
COM41B4	4/5/1993	N	17.47	8.23	
COM41B4	7/6/1993	N	16.11	9.59	
COM41B4	10/4/1993	N	14.33	11.37	
COM41B4	1/3/1994	N	15.88	9.82	
COM41B4	4/4/1994	N	16.44	9.26	
COM41B4	7/5/1994	N	16.35	9.35	
COM41B4	10/3/1994	N	15.82	9.88	
COM41B4	1/3/1995	N	16.27	9.43	
COM41B4	4/3/1995	N	18.78	6.92	
COM41B4	7/10/1995	N	17.52	8.18	
COM41B4	10/3/1995	N	17.37	8.33	
COM41B4	11/8/1995	N	16.6	9.1	
COM41B4	4/1/1996	N	18.39	7.31	
COM41B4	10/7/1996	N	17.6	8.1	
COM41B4	4/7/1997	N	18.8	6.9	
COM41B4	10/13/1997	N	15.06	8.78	
COM41B4	4/13/1998	N	18.11	5.73	
COM41B4	10/6/1998	N	16.27	7.57	
COM41B4	5/7/1999	N	16.91	6.93	
COM41B4	10/11/1999	N	16.13	7.71	
COM41B4	4/10/2000	N	17.57	6.27	
COM41B4	10/9/2000	N	15.86	7.98	
COM41B4	4/9/2001	N	17.75	6.09	
COM41B4	10/8/2001	N	16.39	7.45	23.84
COM41B4	10/11/2002	N	17.11	6.73	23.84
COM41B4	10/9/2003	N	16.96	6.88	23.84
COM41B4	10/4/2004	N	16.81	7.03	23.84
COM41B4	10/11/2005	N	17.43	6.41	23.84

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM42B1	12/1/1988	N	12.68	14.64	
COM42B1	3/1/1989	N	13.22	14.1	
COM42B1	4/1/1989	N	13.5	13.82	
COM42B1	8/1/1989	N	12	15.32	
COM42B1	10/1/1989	N	11.64	15.68	
COM42B1	1/1/1990	N	11.31	16.01	
COM42B1	4/1/1990	N	11.15	16.17	
COM42B1	7/1/1990	N	11.1	16.22	
COM42B1	10/1/1990	N	9.82	17.5	
COM42B1	1/1/1991	N	11.84	15.48	
COM42B1	4/1/1991	N	16.07	11.25	
COM42B1	7/1/1991	N	13.7	13.62	
COM42B1	10/7/1991	N	12.62	14.7	
COM42B1	1/6/1992	N	13.85	13.47	
COM42B1	4/6/1992	N	16.91	10.41	
COM42B1	7/6/1992	N	15.04	12.28	
COM42B1	10/5/1992	N	13.38	13.94	
COM42B1	1/4/1993	N	16.39	10.93	
COM42B1	4/5/1993	N	17.68	9.64	
COM42B1	7/6/1993	N	15.19	12.13	
COM42B1	10/4/1993	N	12.64	14.68	
COM42B1	1/3/1994	N	14.57	12.75	
COM42B1	4/4/1994	N	15.06	12.26	
COM42B1	7/5/1994	N	16.17	11.15	
COM42B1	10/3/1994	N	16.77	10.55	
COM42B1	1/3/1995	N	17	10.32	
COM42B1	4/3/1995	N	17.7	9.62	
COM42B1	7/10/1995	N	15.21	12.11	
COM42B1	10/3/1995	N	17.64	9.68	
COM42B1	11/8/1995	N	14.75	12.57	
COM42B1	4/1/1996	N	16.29	11.03	
COM42B1	10/7/1996	N	14.42	12.9	
COM42B1	4/7/1997	N	15.67	11.65	
COM42B1	10/13/1997	N	13.57	12.86	
COM42B1	4/13/1998	N	15.86	10.57	
COM42B1	10/6/1998	N	13.62	12.81	
COM42B1	5/7/1999	N	14.16	12.27	
COM42B1	10/11/1999	N	14.34	12.09	
COM42B1	4/10/2000	N	16.31	10.12	
COM42B1	10/9/2000	N	13.79	12.64	
COM42B1	4/9/2001	N	15.12	11.31	
COM42B1	10/8/2001	N	15.02	11.41	26.43
COM42B1	10/11/2002	N	15.54	10.89	26.43
COM42B1	10/9/2003	N	14.97	11.46	26.43
COM42B1	10/4/2004	N	14.57	11.86	26.43
COM42B1	10/11/2005	N	14.9	11.53	26.43
COM43A	10/1/1988	N	17.29	9.89	
COM43A	12/1/1988	N	13.31	13.87	
COM43A	3/1/1989	N	14.04	13.14	
COM43A	4/1/1989	N	13.91	13.27	
COM43A	8/1/1989	N	13.35	13.83	
COM43A	10/1/1989	N	10.93	16.25	
COM43A	1/1/1990	N	11.14	16.04	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM43A	4/1/1990	N	10.05	17.13	
COM43A	7/1/1990	N	9.23	17.95	
COM43A	10/1/1990	N	11.57	15.61	
COM43A	1/1/1991	N	9.87	17.31	
COM43A	4/1/1991	N	9.8	17.38	
COM43A	7/1/1991	N	9.6	17.58	
COM43A	10/7/1991	N	14.12	13.06	
COM43A	1/6/1992	N	10.03	17.15	
COM43A	4/6/1992	N	18.37	8.81	
COM43A	7/6/1992	N	10.44	16.74	
COM43A	10/5/1992	N	10.68	16.5	
COM43A	1/4/1993	N	10.02	17.16	
COM43A	4/5/1993	N	10.27	16.91	
COM43A	7/6/1993	N	11.9	15.28	
COM43A	10/4/1993	N	10.14	17.04	
COM43A	1/3/1994	N	10.36	16.82	
COM43A	4/4/1994	N	10.78	16.4	
COM43A	7/5/1994	N	10.67	16.51	
COM43A	10/3/1994	N	10.77	16.41	
COM43A	1/3/1995	N	18.23	8.95	
COM43A	4/3/1995	N	9.76	17.42	
COM43A	7/10/1995	N	11.13	16.05	
COM43A	10/3/1995	N	18.62	8.56	
COM43A	11/8/1995	N	10.53	16.65	
COM43A	4/1/1996	N	10.44	16.74	
COM43A	10/7/1996	N	10.79	16.39	
COM43A	4/7/1997	N	12.59	14.59	
COM43A	10/13/1997	N	11.82	13.75	
COM43A	4/13/1998	N	15.35	10.22	
COM43A	10/5/1998	N	13.68	11.89	
COM43A	5/7/1999	N	12.3	13.27	
COM43A	10/11/1999	N	9.29	16.29	
COM43A	4/10/2000	N	10.69	14.88	
COM43A	10/9/2000	N	7.85	17.72	
COM43A	4/9/2001	N	11.29	14.28	
COM43A	10/8/2001	N	12.42	13.15	25.57
COM43A	10/11/2002	N	15.89	9.68	25.57
COM43A	10/9/2003	N	15.55	10.02	25.57
COM43A	10/4/2004	N	14.64	10.93	25.57
COM43A	10/11/2005	N	16.12	9.45	25.57
COM43B1	12/1/1988	N	12.9	14.84	
COM43B1	3/1/1989	N	13.08	14.66	
COM43B1	4/1/1989	N	13.67	14.07	
COM43B1	8/1/1989	N	12.61	15.13	
COM43B1	10/1/1989	N	11.67	16.07	
COM43B1	1/1/1990	N	11.4	16.34	
COM43B1	4/1/1990	N	11.5	16.24	
COM43B1	7/1/1990	N	11.09	16.65	
COM43B1	10/1/1990	N	10.14	17.6	
COM43B1	1/1/1991	N	12.32	15.42	
COM43B1	4/1/1991	N	14.45	13.29	
COM43B1	7/1/1991	N	13.75	13.99	
COM43B1	10/7/1991	N	13.68	14.06	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM43B1	1/6/1992	N	13.11	14.63	
COM43B1	4/6/1992	N	17.69	10.05	
COM43B1	7/6/1992	N	14.75	12.99	
COM43B1	10/5/1992	N	13.8	13.94	
COM43B1	1/4/1993	N	15.71	12.03	
COM43B1	4/5/1993	N	16.94	10.8	
COM43B1	7/6/1993	N	14.56	13.18	
COM43B1	10/4/1993	N	12.52	15.22	
COM43B1	1/3/1994	N	13.68	14.06	
COM43B1	4/4/1994	N	14.05	13.69	
COM43B1	7/5/1994	N	15.34	12.4	
COM43B1	10/3/1994	N	16.77	10.97	
COM43B1	1/3/1995	N	17.32	10.42	
COM43B1	4/3/1995	N	16.76	10.98	
COM43B1	7/10/1995	N	14.77	12.97	
COM43B1	10/3/1995	N	18.38	9.36	
COM43B1	11/8/1995	N	14.2	13.54	
COM43B1	4/1/1996	N	15.65	12.09	
COM43B1	10/7/1996	N	14.12	13.62	
COM43B1	4/7/1997	N	15.7	12.04	
COM43B1	10/13/1997	N	13.33	12.76	
COM43B1	4/13/1998	N	16.06	10.03	
COM43B1	10/6/1998	N	14.04	12.05	
COM43B1	5/7/1999	N	14.3	11.79	
COM43B1	10/11/1999	N	13.46	12.63	
COM43B1	4/10/2000	N	14.73	11.36	
COM43B1	10/9/2000	N	13.2	12.89	
COM43B1	4/9/2001	N	14.68	11.41	
COM43B1	10/8/2001	N	14.31	11.78	26.09
COM43B1	10/11/2002	N	16.11	9.98	26.09
COM43B1	10/9/2003	N	15.23	10.86	26.09
COM43B1	10/4/2004	N	14.8	11.29	26.09
COM43B1	10/11/2005	N	15.61	10.48	26.09
COM43B2	12/1/1988	N	12.26	15.56	
COM43B2	3/1/1989	N	12.72	15.1	
COM43B2	4/1/1989	N	12.96	14.86	
COM43B2	8/1/1989	N	11.8	16.02	
COM43B2	10/1/1989	N	11.45	16.37	
COM43B2	1/1/1990	N	11.18	16.64	
COM43B2	4/1/1990	N	11.3	16.52	
COM43B2	7/1/1990	N	11.13	16.69	
COM43B2	10/1/1990	N	10.44	17.38	
COM43B2	1/1/1991	N	12.04	15.78	
COM43B2	4/1/1991	N	15.5	12.32	
COM43B2	7/1/1991	N	14.5	13.32	
COM43B2	10/7/1991	N	13.58	14.24	
COM43B2	1/6/1992	N	13.82	14	
COM43B2	4/6/1992	N	16.87	10.95	
COM43B2	7/6/1992	N	14.92	12.9	
COM43B2	10/5/1992	N	13.55	14.27	
COM43B2	1/4/1993	N	15.49	12.33	
COM43B2	4/5/1993	N	17.8	10.02	
COM43B2	7/6/1993	N	14.08	13.74	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM43B2	10/4/1993	N	11.42	16.4	
COM43B2	1/3/1994	N	12.96	14.86	
COM43B2	4/4/1994	N	13.49	14.33	
COM43B2	7/5/1994	N	15.95	11.87	
COM43B2	10/3/1994	N	17.14	10.68	
COM43B2	1/3/1995	N	16.16	11.66	
COM43B2	4/3/1995	N	17.46	10.36	
COM43B2	7/10/1995	N	14.38	13.44	
COM43B2	10/3/1995	N	18.05	9.77	
COM43B2	11/8/1995	N	13.69	14.13	
COM43B2	4/1/1996	N	15.91	11.91	
COM43B2	10/7/1996	N	13.45	14.37	
COM43B2	4/7/1997	N	15.5	12.32	
COM43B2	10/13/1997	N	12.93	13.31	
COM43B2	4/13/1998	N	15.24	11	
COM43B2	10/6/1998	N	13.15	13.09	
COM43B2	5/7/1999	N	13.51	12.73	
COM43B2	10/11/1999	N	14.18	12.06	
COM43B2	4/10/2000	N	15.03	11.21	
COM43B2	10/9/2000	N	13.22	13.02	
COM43B2	4/9/2001	N	14.96	11.28	
COM43B2	10/8/2001	N	14.61	11.63	26.24
COM43B2	10/11/2002	N	16.37	9.87	26.24
COM43B2	10/9/2003	N	15.13	11.11	26.24
COM43B2	10/4/2004	N	14.54	11.7	26.24
COM43B2	10/11/2005	N	14.96	11.28	26.24
COM43B3	12/1/1988	N	14.87	12.9	
COM43B3	3/1/1989	N	13.37	14.4	
COM43B3	4/1/1989	N	13.11	14.66	
COM43B3	8/1/1989	N	12.38	15.39	
COM43B3	10/1/1989	N	12.06	15.71	
COM43B3	1/1/1990	N	11.91	15.86	
COM43B3	4/1/1990	N	12.24	15.53	
COM43B3	7/1/1990	N	11.83	15.94	
COM43B3	10/1/1990	N	12.57	15.2	
COM43B3	1/1/1991	N	13.21	14.56	
COM43B3	4/1/1991	N	15.71	12.06	
COM43B3	7/1/1991	N	14.53	13.24	
COM43B3	10/7/1991	N	13.68	14.09	
COM43B3	1/6/1992	N	13.82	13.95	
COM43B3	4/6/1992	N	16.69	11.08	
COM43B3	7/6/1992	N	15.77	12	
COM43B3	10/5/1992	N	15.18	12.59	
COM43B3	1/4/1993	N	14.77	13	
COM43B3	4/5/1993	N	17.63	10.14	
COM43B3	7/6/1993	N	16.59	11.18	
COM43B3	10/4/1993	N	13.64	14.13	
COM43B3	1/3/1994	N	14.94	12.83	
COM43B3	4/4/1994	N	15.95	11.82	
COM43B3	7/5/1994	N	16.76	11.01	
COM43B3	10/3/1994	N	17.04	10.73	
COM43B3	1/3/1995	N	16.25	11.52	
COM43B3	4/3/1995	N	17.03	10.74	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM43B3	7/10/1995	N	17.35	10.42	
COM43B3	10/3/1995	N	18.04	9.73	
COM43B3	11/8/1995	N	15.82	11.95	
COM43B3	4/1/1996	N	17.88	9.89	
COM43B3	10/7/1996	N	15.65	12.12	
COM43B3	4/7/1997	N	18.19	9.58	
COM43B3	10/13/1997	N	14.93	11.3	
COM43B3	4/13/1998	N	18.35	7.88	
COM43B3	10/6/1998	N	16.09	10.14	
COM43B3	5/7/1999	N	16.49	9.74	
COM43B3	10/11/1999	N	16.36	9.87	
COM43B3	4/10/2000	N	17.24	8.99	
COM43B3	10/9/2000	N	15.59	10.64	
COM43B3	4/9/2001	N	17.06	9.17	
COM43B3	10/8/2001	N	16.47	9.76	26.23
COM43B3	10/11/2002	N	17.88	8.35	26.23
COM43B3	10/9/2003	N	17.23	9	26.23
COM43B3	10/4/2004	N	17.07	9.16	26.23
COM43B3	10/11/2005	N	17.57	8.66	26.23
COM44A	12/1/1988	N	17.45	12.82	
COM44A	3/1/1989	N	17.73	12.54	
COM44A	4/1/1989	N	18.1	12.17	
COM44A	8/1/1989	N	17.28	12.99	
COM44A	10/1/1989	N	16.73	13.54	
COM44A	1/1/1990	N	15.83	14.44	
COM44A	4/1/1990	N	14.02	16.25	
COM44A	7/1/1990	N	17.93	12.34	
COM44A	1/1/1991	N	16.3	13.97	
COM44A	4/1/1991	N	20.67	9.6	
COM44A	7/1/1991	N	18.45	11.82	
COM44A	10/7/1991	N	20.13	10.14	
COM44A	1/6/1992	N	21.27	9	
COM44A	4/6/1992	N	20.68	9.59	
COM44A	7/6/1992	N	20.52	9.75	
COM44A	10/5/1992	N	20.2	10.07	
COM44A	1/4/1993	N	20.65	9.62	
COM44A	4/5/1993	N	20.82	9.45	
COM44A	7/6/1993	N	20.42	9.85	
COM44A	10/4/1993	N	20.01	10.26	
COM44A	1/3/1994	N	20.22	10.05	
COM44A	4/4/1994	N	20.3	9.97	
COM44A	7/5/1994	N	20.41	9.86	
COM44A	10/3/1994	N	20.24	10.03	
COM44A	1/3/1995	N	20.65	9.62	
COM44A	4/3/1995	N	21.02	9.25	
COM44A	7/10/1995	N	20.44	9.83	
COM44A	10/3/1995	N	20.57	9.7	
COM44A	11/8/1995	N	20.31	9.96	
COM44A	4/1/1996	N	20.72	9.55	
COM44A	10/7/1996	N	20.33	9.94	
COM44A	4/7/1997	N	20.52	9.75	
COM44A	10/13/1997	N	18.68	9.97	
COM44A	4/13/1998	Y			

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM44A	10/5/1998	N	19.02	9.63	
COM44A	5/7/1999	Y			
COM44A	10/11/1999	N	19.05	9.6	
COM44A	4/10/2000	N	19.38	9.27	
COM44A	10/9/2000	N	19.12	9.53	
COM44A	4/9/2001	N	19.69	8.96	
COM44A	10/8/2001	N	19.11	9.54	28.65
COM44A	10/11/2002	N	19.73	8.92	28.65
COM44A	10/9/2003	N	19.15	9.5	28.65
COM44A	10/4/2004	N	19.38	9.27	28.65
COM44A	10/11/2005	N	19.49	9.16	28.65
COM45B1	10/1/1988	N	15.56	10.96	
COM45B1	12/1/1988	N	10.83	15.69	
COM45B1	3/1/1989	N	6.53	19.99	
COM45B1	4/1/1989	N	13.19	13.33	
COM45B1	8/1/1989	N	11.5	15.02	
COM45B1	10/1/1989	N	5.16	21.36	
COM45B1	1/1/1990	N	5.45	21.07	
COM45B1	4/1/1990	N	6.69	19.83	
COM45B1	7/1/1990	N	5.1	21.42	
COM45B1	10/1/1990	N	3.91	22.61	
COM45B1	1/1/1991	N	4.64	21.88	
COM45B1	4/1/1991	N	12.72	13.8	
COM45B1	7/1/1991	N	9.96	16.56	
COM45B1	10/7/1991	N	7.88	18.64	
COM45B1	1/6/1992	N	7.29	19.23	
COM45B1	4/6/1992	N	11.04	15.48	
COM45B1	7/6/1992	N	5.82	20.7	
COM45B1	10/5/1992	N	3.99	22.53	
COM45B1	1/4/1993	N	8	18.52	
COM45B1	4/5/1993	N	11.55	14.97	
COM45B1	7/6/1993	N	8.37	18.15	
COM45B1	10/4/1993	N	5.21	21.31	
COM45B1	1/3/1994	N	6.23	20.29	
COM45B1	4/4/1994	N	7.99	18.53	
COM45B1	7/5/1994	N	8.83	17.69	
COM45B1	10/3/1994	N	11.94	14.58	
COM45B1	1/3/1995	N	9.19	17.33	
COM45B1	4/3/1995	N	14.13	12.39	
COM45B1	7/10/1995	N	11.62	14.9	
COM45B1	10/3/1995	N	16.6	9.92	
COM45B1	11/8/1995	N	4.62	21.9	
COM45B1	4/1/1996	N	8.79	17.73	
COM45B1	10/7/1996	N	8.64	17.88	
COM45B1	4/7/1997	N	14.46	12.06	
COM45B1	10/13/1997	N	-6.54	31.39	
COM45B1	4/13/1998	N	2.82	22.03	
COM45B1	10/6/1998	N	5.18	19.67	
COM45B1	5/7/1999	N	9.23	15.62	
COM45B1	10/11/1999	N	11.14	13.71	
COM45B1	4/10/2000	N	15.4	9.45	
COM45B1	10/9/2000	N	7.18	17.67	
COM45B1	4/9/2001	N	13.24	11.61	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM45B1	10/8/2001	N	11.33	13.52	24.85
COM45B1	10/11/2002	N	10	14.85	24.85
COM45B1	10/9/2003	N	6.23	18.62	24.85
COM45B1	10/4/2004	N	8.49	16.36	24.85
COM45B1	10/11/2005	N	0.75	24.1	24.85
COM45B3	12/1/1988	N	13.41	13.75	
COM45B3	3/1/1989	N	13.22	13.94	
COM45B3	4/1/1989	N	13.57	13.59	
COM45B3	8/1/1989	N	12.5	14.66	
COM45B3	10/1/1989	N	11.74	15.42	
COM45B3	1/1/1990	N	12.26	14.9	
COM45B3	4/1/1990	N	12.74	14.42	
COM45B3	7/1/1990	N	12.94	14.22	
COM45B3	10/1/1990	N	13.45	13.71	
COM45B3	1/1/1991	N	13.86	13.3	
COM45B3	4/1/1991	N	16.61	10.55	
COM45B3	7/1/1991	N	15.35	11.81	
COM45B3	10/7/1991	N	14.26	12.9	
COM45B3	1/6/1992	N	15.14	12.02	
COM45B3	4/6/1992	N	18.17	8.99	
COM45B3	7/6/1992	N	16.07	11.09	
COM45B3	10/5/1992	N	16.13	11.03	
COM45B3	1/4/1993	N	15.47	11.69	
COM45B3	4/5/1993	N	17.98	9.18	
COM45B3	7/6/1993	N	16.52	10.64	
COM45B3	10/4/1993	N	14.07	13.09	
COM45B3	1/3/1994	N	15.34	11.82	
COM45B3	4/4/1994	N	16.17	10.99	
COM45B3	7/5/1994	N	16.44	10.72	
COM45B3	10/3/1994	N	17.98	9.18	
COM45B3	1/3/1995	N	16.59	10.57	
COM45B3	4/3/1995	N	19.78	7.38	
COM45B3	7/10/1995	N	18.24	8.92	
COM45B3	10/3/1995	N	18.96	8.2	
COM45B3	11/8/1995	N	17.1	10.06	
COM45B3	4/1/1996	N	19.15	8.01	
COM45B3	10/7/1996	N	16.89	10.27	
COM45B3	4/7/1997	N	19.81	7.35	
COM45B3	10/13/1997	N	16.47	9.51	
COM45B3	4/13/1998	N	20.54	5.44	
COM45B3	10/6/1998	N	18.27	7.71	
COM45B3	5/7/1999	N	19.24	6.74	
COM45B3	10/11/1999	N	18.51	7.47	
COM45B3	4/10/2000	N	19.76	6.22	
COM45B3	10/9/2000	N	17.48	8.5	
COM45B3	4/9/2001	N	19.69	6.29	
COM45B3	10/8/2001	N	18.24	7.74	25.98
COM45B3	10/11/2002	N	20.08	5.9	25.98
COM45B3	10/9/2003	N	19.55	6.43	25.98
COM45B3	10/4/2004	N	19.71	6.27	25.98
COM45B3	10/11/2005	N	20.24	5.74	25.98
COM46A	10/1/1988	N	12.11	11.11	
COM46A	12/1/1988	N	10.29	12.93	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM46A	3/1/1989	N	11.24	11.98	
COM46A	4/1/1989	N	11.05	12.17	
COM46A	8/1/1989	N	8.64	14.58	
COM46A	10/1/1989	N	8.75	14.47	
COM46A	1/1/1990	N	8.92	14.3	
COM46A	4/1/1990	N	8.7	14.52	
COM46A	7/1/1990	N	8.15	15.07	
COM46A	10/1/1990	N	6.63	16.59	
COM46A	1/1/1991	N	8.56	14.66	
COM46A	4/1/1991	N	13.37	9.85	
COM46A	7/1/1991	N	9.78	13.44	
COM46A	10/7/1991	N	5.98	17.24	
COM46A	1/6/1992	N	6.46	16.76	
COM46A	4/6/1992	N	11.16	12.06	
COM46A	7/6/1992	N	5.73	17.49	
COM46A	10/5/1992	N	6.29	16.93	
COM46A	1/4/1993	N	12.42	10.8	
COM46A	4/5/1993	N	15.24	7.98	
COM46A	7/6/1993	N	12.01	11.21	
COM46A	10/4/1993	N	6.55	16.67	
COM46A	1/3/1994	N	10.69	12.53	
COM46A	4/4/1994	N	11.61	11.61	
COM46A	7/5/1994	N	10.79	12.43	
COM46A	10/3/1994	N	12.89	10.33	
COM46A	1/3/1995	N	11.6	11.62	
COM46A	4/3/1995	N	15.01	8.21	
COM46A	7/10/1995	N	12.96	10.26	
COM46A	10/3/1995	N	14.32	8.9	
COM46A	11/8/1995	N	6.02	17.2	
COM46A	4/1/1996	N	10.31	12.91	
COM46A	10/7/1996	N	7.45	15.77	
COM46A	4/7/1997	N	10.06	13.16	
COM46A	10/13/1997	N	5.2	16.45	
COM46A	4/13/1998	N	11.64	10.01	
COM46A	10/5/1998	N	7.45	14.2	
COM46A	5/7/1999	N	8.03	13.62	
COM46A	10/11/1999	N	11.84	9.81	
COM46A	4/10/2000	N	10.74	10.91	
COM46A	10/9/2000	N	6.27	15.38	
COM46A	4/9/2001	N	7.81	13.84	
COM46A	10/8/2001	N	6.67	14.98	21.65
COM46A	10/11/2002	N	8.84	12.81	21.65
COM46A	10/9/2003	N	4.18	17.47	21.65
COM46A	10/4/2004	N	5.89	15.76	21.65
COM46A	10/11/2005	N	6.55	15.1	21.65
COM46B1	12/1/1988	N	10.77	13.47	
COM46B1	3/1/1989	N	11.19	13.05	
COM46B1	4/1/1989	N	11.05	13.19	
COM46B1	8/1/1989	N	9.25	14.99	
COM46B1	10/1/1989	N	9.14	15.1	
COM46B1	1/1/1990	N	9.25	14.99	
COM46B1	4/1/1990	N	9.09	15.15	
COM46B1	7/1/1990	N	8.67	15.57	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM46B1	10/1/1990	N	7.78	16.46	
COM46B1	1/1/1991	N	9.07	15.17	
COM46B1	4/1/1991	N	13.48	10.76	
COM46B1	7/1/1991	N	10.13	14.11	
COM46B1	10/7/1991	N	8.61	15.63	
COM46B1	1/6/1992	N	10.32	13.92	
COM46B1	4/6/1992	N	13.53	10.71	
COM46B1	7/6/1992	N	10.54	13.7	
COM46B1	10/5/1992	N	9.01	15.23	
COM46B1	1/4/1993	N	13.16	11.08	
COM46B1	4/5/1993	N	15.07	9.17	
COM46B1	7/6/1993	N	12.59	11.65	
COM46B1	10/4/1993	N	9.16	15.08	
COM46B1	1/3/1994	N	11.92	12.32	
COM46B1	4/4/1994	N	12.76	11.48	
COM46B1	7/5/1994	N	12.53	11.71	
COM46B1	10/3/1994	N	12.84	11.4	
COM46B1	1/3/1995	N	12.91	11.33	
COM46B1	4/3/1995	N	15.6	8.64	
COM46B1	7/10/1995	N	13.8	10.44	
COM46B1	10/3/1995	N	14.18	10.06	
COM46B1	11/8/1995	N	11.38	12.86	
COM46B1	4/1/1996	N	13.49	10.75	
COM46B1	10/7/1996	N	11.44	12.8	
COM46B1	4/7/1997	N	12.92	11.32	
COM46B1	10/13/1997	N	9.79	13.38	
COM46B1	4/13/1998	N	13.49	9.68	
COM46B1	10/6/1998	N	10.9	12.27	
COM46B1	5/7/1999	N	11.83	11.34	
COM46B1	10/11/1999	N	12.08	11.09	
COM46B1	4/10/2000	N	12.13	11.04	
COM46B1	10/9/2000	N	10.53	12.64	
COM46B1	4/9/2001	N	11.98	11.19	
COM46B1	10/8/2001	N	11.28	11.89	23.17
COM46B1	10/11/2002	N	12.56	10.61	23.17
COM46B1	10/9/2003	N	11.19	11.98	23.17
COM46B1	10/4/2004	N	11.48	11.69	23.17
COM46B1	10/11/2005	N	11.51	11.66	23.17
COM46B2	10/1/1988	N	12.16	11.74	
COM46B2	12/1/1988	N	-16.57	40.47	
COM46B2	3/1/1989	N	11.46	12.44	
COM46B2	4/1/1989	N	11.8	12.1	
COM46B2	8/1/1989	N	-14.5	38.4	
COM46B2	10/1/1989	N	-17.56	41.46	
COM46B2	1/1/1990	N	-17.31	41.21	
COM46B2	4/1/1990	N	-18.78	42.68	
COM46B2	7/1/1990	N	-18.93	42.83	
COM46B2	10/1/1990	N	2	21.9	
COM46B2	1/1/1991	N	-18.22	42.12	
COM46B2	4/1/1991	N	-18.32	42.22	
COM46B2	7/1/1991	N	-17.74	41.64	
COM46B2	10/7/1991	N	-18.01	41.91	
COM46B2	1/6/1992	N	-18.44	42.34	

Notes:
All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM46B2	4/6/1992	N	-19.7	43.6	
COM46B2	7/6/1992	N	-19.34	43.24	
COM46B2	10/5/1992	N	-19	42.9	
COM46B2	1/4/1993	N	6.88	17.02	
COM46B2	4/5/1993	N	-20.17	44.07	
COM46B2	7/6/1993	N	-18.07	41.97	
COM46B2	10/4/1993	N	-18.04	41.94	
COM46B2	1/3/1994	N	-19.68	43.58	
COM46B2	4/4/1994	N	-15.4	39.3	
COM46B2	7/5/1994	N	-13.62	37.52	
COM46B2	10/3/1994	N	13.43	10.47	
COM46B2	1/3/1995	N	6.6	17.3	
COM46B2	4/3/1995	N	10.45	13.45	
COM46B2	7/10/1995	N	7.89	16.01	
COM46B2	10/3/1995	N	14.67	9.23	
COM46B2	11/8/1995	N	-18.3	42.2	
COM46B2	4/1/1996	N	-12.27	36.17	
COM46B2	10/7/1996	N	7.71	16.19	
COM46B2	4/7/1997	N	-13.62	37.52	
COM46B2	10/13/1997	N	-21.1	43.4	
COM46B2	4/13/1998	N	-21.5	43.8	
COM46B2	10/6/1998	N	-18.59	40.89	
COM46B2	5/7/1999	N	-19.21	41.51	
COM46B2	10/11/1999	N	-19.35	41.68	
COM46B2	4/10/2000	N	-19.37	41.67	
COM46B2	10/9/2000	N	-19.22	41.52	
COM46B2	4/9/2001	N	-13.91	36.21	
COM46B2	10/8/2001	N	-19.36	41.69	22.3
COM46B2	10/11/2002	N	3.89	18.41	22.3
COM46B2	10/9/2003	N	-16.43	38.73	22.3
COM46B2	10/4/2004	N	-10.02	32.32	22.3
COM46B2	10/11/2005	N	-6.04	28.34	22.3
COM47B1	12/1/1988	N	14.77	12.02	
COM47B1	3/1/1989	N	14.77	12.02	
COM47B1	4/1/1989	N	15.36	11.43	
COM47B1	8/1/1989	N	13.79	13	
COM47B1	10/1/1989	N	12.6	14.19	
COM47B1	1/1/1990	N	12.66	14.13	
COM47B1	4/1/1990	N	13.47	13.32	
COM47B1	7/1/1990	N	12.85	13.94	
COM47B1	10/1/1990	N	12.44	14.35	
COM47B1	1/1/1991	N	13.57	13.22	
COM47B1	4/1/1991	N	17.2	9.59	
COM47B1	7/1/1991	N	15.32	11.47	
COM47B1	10/7/1991	N	14.07	12.72	
COM47B1	1/6/1992	N	14.84	11.95	
COM47B1	4/6/1992	N	18.26	8.53	
COM47B1	7/6/1992	N	15.64	11.15	
COM47B1	10/5/1992	N	14.82	11.97	
COM47B1	1/4/1993	N	16.5	10.29	
COM47B1	4/5/1993	N	19.65	7.14	
COM47B1	7/6/1993	N	16.53	10.26	
COM47B1	10/4/1993	N	14.87	11.92	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM47B1	1/3/1994	N	15.29	11.5	
COM47B1	4/4/1994	N	16.43	10.36	
COM47B1	7/5/1994	N	16.17	10.62	
COM47B1	10/3/1994	N	16.25	10.54	
COM47B1	1/3/1995	N	16.36	10.43	
COM47B1	4/3/1995	N	20.31	6.48	
COM47B1	7/10/1995	N	17.4	9.39	
COM47B1	10/3/1995	N	16.8	9.99	
COM47B1	11/8/1995	N	15.67	11.12	
COM47B1	10/7/1996	N	15.59	11.2	
COM47B1	4/7/1997	Y			
COM47B1	10/13/1997	N	14.03	11.41	
COM47B1	4/13/1998	N	18.59	6.85	
COM47B1	10/6/1998	N	15.35	10.09	
COM47B1	5/7/1999	N	16.73	8.71	
COM47B1	10/11/1999	Y			
COM47B1	4/10/2000	N	18.03	7.41	
COM47B1	10/9/2000	N	15.17	10.27	
COM47B1	4/9/2001	N	17.67	7.77	
COM47B1	10/8/2001	N	15.88	9.56	25.44
COM47B1	10/11/2002	N	15.71	9.73	25.44
COM47B1	10/9/2003	N	15.67	9.77	25.44
COM47B1	10/4/2004	N	16.83	8.61	25.44
COM47B1	10/11/2005	N	16.09	9.35	25.44
COM48B1	12/1/1988	N	11.18	14.1	
COM48B1	3/1/1989	N	11.67	13.61	
COM48B1	4/1/1989	N	11.46	13.82	
COM48B1	8/1/1989	N	9.55	15.73	
COM48B1	10/1/1989	N	8.91	16.37	
COM48B1	1/1/1990	N	9.36	15.92	
COM48B1	4/1/1990	N	9.72	15.56	
COM48B1	7/1/1990	N	9.15	16.13	
COM48B1	10/1/1990	N	7.76	17.52	
COM48B1	1/1/1991	N	9.45	15.83	
COM48B1	4/1/1991	N	13.45	11.83	
COM48B1	7/1/1991	N	11.2	14.08	
COM48B1	10/7/1991	N	9.69	15.59	
COM48B1	1/6/1992	N	11.52	13.76	
COM48B1	4/6/1992	N	14.7	10.58	
COM48B1	7/6/1992	N	11.71	13.57	
COM48B1	10/5/1992	N	9.62	15.66	
COM48B1	1/4/1993	N	13.42	11.86	
COM48B1	4/5/1993	N	15.79	9.49	
COM48B1	7/6/1993	N	12.27	13.01	
COM48B1	10/4/1993	N	9.27	16.01	
COM48B1	1/3/1994	N	10.65	14.63	
COM48B1	4/4/1994	N	12.45	12.83	
COM48B1	7/5/1994	N	11.66	13.62	
COM48B1	10/3/1994	N	11.37	13.91	
COM48B1	1/3/1995	N	12.94	12.34	
COM48B1	4/3/1995	N	16.42	8.86	
COM48B1	7/10/1995	N	13.27	12.01	
COM48B1	10/3/1995	N	13.02	12.26	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM48B1	11/8/1995	N	11.92	13.36	
COM48B1	4/1/1996	N	15.21	10.07	
COM48B1	10/7/1996	N	11.87	13.41	
COM48B1	4/7/1997	N	13.78	11.5	
COM48B1	10/13/1997	N	8.74	15.33	
COM48B1	4/13/1998	N	14.34	9.73	
COM48B1	10/6/1998	N	10.25	13.82	
COM48B1	5/7/1999	N	12.01	12.06	
COM48B1	10/11/1999	N	10.11	13.96	
COM48B1	4/10/2000	N	13.45	10.62	
COM48B1	10/9/2000	N	10.18	13.89	
COM48B1	4/9/2001	N	13.14	10.93	
COM48B1	10/8/2001	N	12.08	11.99	24.07
COM48B1	10/11/2002	N	11.66	12.41	24.07
COM48B1	10/9/2003	N	11.19	12.88	24.07
COM48B1	10/4/2004	N	11.41	12.66	24.07
COM48B1	10/11/2005	N	11.65	12.42	24.07
COM49A	10/1/1989	N	7.33	14.75	
COM49A	1/1/1990	N	7.2	14.88	
COM49A	4/1/1990	N	7.89	14.19	
COM49A	7/1/1990	N	7.55	14.53	
COM49A	10/1/1990	N	7.25	14.83	
COM49A	1/1/1991	N	7.72	14.36	
COM49A	4/1/1991	N	10.25	11.83	
COM49A	7/1/1991	N	8.43	13.65	
COM49A	10/7/1991	N	7.65	14.43	
COM49A	1/6/1992	N	8.47	13.61	
COM49A	4/6/1992	N	10.59	11.49	
COM49A	7/6/1992	N	8.72	13.36	
COM49A	10/5/1992	N	7.88	14.2	
COM49A	1/4/1993	N	10.23	11.85	
COM49A	4/5/1993	N	11.62	10.46	
COM49A	7/6/1993	N	9.28	12.8	
COM49A	10/4/1993	N	7.9	14.18	
COM49A	1/3/1994	N	8.86	13.22	
COM49A	4/4/1994	N	9.59	12.49	
COM49A	7/5/1994	N	9.16	12.92	
COM49A	10/3/1994	N	8.7	13.38	
COM49A	1/3/1995	N	9.57	12.51	
COM49A	4/3/1995	N	12.6	9.48	
COM49A	7/10/1995	N	10.06	12.02	
COM49A	10/3/1995	N	9.69	12.39	
COM49A	11/8/1995	N	9.33	12.75	
COM49A	4/1/1996	N	11.17	10.91	
COM49A	10/7/1996	N	9.33	12.75	
COM49A	4/7/1997	N	10.16	11.92	
COM49A	10/13/1997	N	7.06	13.49	
COM49A	4/13/1998	N	10.13	10.42	
COM49A	10/5/1998	N	7.72	12.83	
COM49A	5/7/1999	N	8.58	11.97	
COM49A	10/11/1999	N	7.65	12.9	
COM49A	4/10/2000	N	9.35	11.2	
COM49A	10/9/2000	N	7.45	13.1	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM49A	4/9/2001	N	9.04	11.51	
COM49A	10/8/2001	N	8.23	12.32	20.55
COM49A	10/11/2002	N	8.23	12.32	20.55
COM49A	10/9/2003	N	8.19	12.36	20.55
COM49A	10/4/2004	N	8.2	12.35	20.55
COM49A	10/11/2005	N	8.31	12.24	20.55
COM49B2	12/1/1988	N	8.76	13.17	
COM49B2	3/1/1989	N	9.04	12.89	
COM49B2	4/1/1989	N	9.01	12.92	
COM49B2	8/1/1989	N	8.02	13.91	
COM49B2	10/1/1989	N	7.86	14.07	
COM49B2	1/1/1990	N	8.08	13.85	
COM49B2	4/1/1990	N	8.29	13.64	
COM49B2	7/1/1990	N	8.04	13.89	
COM49B2	10/1/1990	N	7.5	14.43	
COM49B2	1/1/1991	N	8.17	13.76	
COM49B2	4/1/1991	N	10.5	11.43	
COM49B2	7/1/1991	N	8.87	13.06	
COM49B2	10/7/1991	N	8.18	13.75	
COM49B2	1/6/1992	N	9.09	12.84	
COM49B2	4/6/1992	N	10.98	10.95	
COM49B2	7/6/1992	N	9.2	12.73	
COM49B2	10/5/1992	N	8.36	13.57	
COM49B2	1/4/1993	N	10.35	11.58	
COM49B2	4/5/1993	N	11.51	10.42	
COM49B2	7/6/1993	N	9.68	12.25	
COM49B2	10/4/1993	N	8.41	13.52	
COM49B2	1/3/1994	N	9.3	12.63	
COM49B2	4/4/1994	N	9.96	11.97	
COM49B2	7/5/1994	N	9.65	12.28	
COM49B2	10/3/1994	N	9.41	12.52	
COM49B2	1/3/1995	N	10.22	11.71	
COM49B2	4/3/1995	N	15.83	6.1	
COM49B2	7/10/1995	N	14.31	7.62	
COM49B2	10/3/1995	N	10.25	11.68	
COM49B2	11/8/1995	N	9.76	12.17	
COM49B2	4/1/1996	N	11.45	10.48	
COM49B2	10/7/1996	N	9.74	12.19	
COM49B2	4/7/1997	N	10.58	11.35	
COM49B2	10/13/1997	N	8.08	12.78	
COM49B2	4/13/1998	N	10.79	10.07	
COM49B2	10/6/1998	N	8.77	12.09	
COM49B2	5/7/1999	N	9.5	11.36	
COM49B2	10/11/1999	N	8.68	12.18	
COM49B2	4/10/2000	N	10	10.86	
COM49B2	10/9/2000	N	8.5	12.36	
COM49B2	4/9/2001	N	9.93	10.93	
COM49B2	10/8/2001	N	9.2	11.66	20.86
COM49B2	10/11/2002	N	9.36	11.5	20.86
COM49B2	10/9/2003	N	9.25	11.61	20.86
COM49B2	10/4/2004	N	9.26	11.6	20.86
COM49B2	10/11/2005	N	9.32	11.54	20.86
COM49B3	12/1/1988	N	10.4	11.61	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM49B3	3/1/1989	N	10.71	11.3	
COM49B3	4/1/1989	N	10.87	11.14	
COM49B3	8/1/1989	N	10.2	11.81	
COM49B3	10/1/1989	N	10	12.01	
COM49B3	1/1/1990	N	10.44	11.57	
COM49B3	4/1/1990	N	10.76	11.25	
COM49B3	7/1/1990	N	10.53	11.48	
COM49B3	10/1/1990	N	9.86	12.15	
COM49B3	1/1/1991	N	10.74	11.27	
COM49B3	4/1/1991	N	13.26	8.75	
COM49B3	7/1/1991	N	11.67	10.34	
COM49B3	10/7/1991	N	10.86	11.15	
COM49B3	1/6/1992	N	11.86	10.15	
COM49B3	4/6/1992	N	14.08	7.93	
COM49B3	7/6/1992	N	12.2	9.81	
COM49B3	10/5/1992	N	11.59	10.42	
COM49B3	1/4/1993	N	12.75	9.26	
COM49B3	4/5/1993	N	14.52	7.49	
COM49B3	7/6/1993	N	12.97	9.04	
COM49B3	10/4/1993	N	11.63	10.38	
COM49B3	1/3/1994	N	12.79	9.22	
COM49B3	4/4/1994	N	13.22	8.79	
COM49B3	7/5/1994	N	13.31	8.7	
COM49B3	10/3/1994	N	12.83	9.18	
COM49B3	1/3/1995	N	12.98	9.03	
COM49B3	4/3/1995	N	12.58	9.43	
COM49B3	7/10/1995	N	14.32	7.69	
COM49B3	10/3/1995	N	14.16	7.85	
COM49B3	11/8/1995	N	13.38	8.63	
COM49B3	4/1/1996	N	15.4	6.61	
COM49B3	10/7/1996	N	13.69	8.32	
COM49B3	4/7/1997	N	15.28	6.73	
COM49B3	10/13/1997	N	12.38	8.43	
COM49B3	4/13/1998	N	15.27	5.54	
COM49B3	10/6/1998	N	13.49	7.32	
COM49B3	5/7/1999	N	14.29	6.52	
COM49B3	10/11/1999	N	13.4	7.41	
COM49B3	4/10/2000	N	12.83	7.98	
COM49B3	10/9/2000	N	13.1	7.71	
COM49B3	4/9/2001	N	14.82	5.99	
COM49B3	10/8/2001	N	13.62	7.19	20.81
COM49B3	10/11/2002	N	13.86	6.95	20.81
COM49B3	10/9/2003	N	14.13	6.68	20.81
COM49B3	10/4/2004	N	14.11	6.7	20.81
COM49B3	10/11/2005	N	14.36	6.45	20.81
COM50B1	10/1/1988	N	8.94	12.89	
COM50B1	12/1/1988	N	6.99	14.84	
COM50B1	3/1/1989	N	9	12.83	
COM50B1	4/1/1989	N	8.88	12.95	
COM50B1	8/1/1989	N	7.7	14.13	
COM50B1	10/1/1989	N	7.43	14.4	
COM50B1	1/1/1990	N	7.71	14.12	
COM50B1	4/1/1990	N	8.05	13.78	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM50B1	7/1/1990	N	7.61	14.22	
COM50B1	10/1/1990	N	7.05	14.78	
COM50B1	1/1/1991	N	7.81	14.02	
COM50B1	4/1/1991	N	10.49	11.34	
COM50B1	7/1/1991	N	8.67	13.16	
COM50B1	10/7/1991	N	7.91	13.92	
COM50B1	1/6/1992	N	8.6	13.23	
COM50B1	4/6/1992	N	11.06	10.77	
COM50B1	7/6/1992	N	8.92	12.91	
COM50B1	10/5/1992	N	8.01	13.82	
COM50B1	1/4/1993	N	10.23	11.6	
COM50B1	4/5/1993	N	12.05	9.78	
COM50B1	7/6/1993	N	9.46	12.37	
COM50B1	10/4/1993	N	7.91	13.92	
COM50B1	1/3/1994	N	8.97	12.86	
COM50B1	4/4/1994	N	9.79	12.04	
COM50B1	7/5/1994	N	9.25	12.58	
COM50B1	10/3/1994	N	8.88	12.95	
COM50B1	1/3/1995	N	9.85	11.98	
COM50B1	4/3/1995	N	12.97	8.86	
COM50B1	7/10/1995	N	10.25	11.58	
COM50B1	10/3/1995	N	10.04	11.79	
COM50B1	11/8/1995	N	9.39	12.44	
COM50B1	4/1/1996	N	11.63	10.2	
COM50B1	10/7/1996	N	9.52	12.31	
COM50B1	4/7/1997	N	10.62	11.21	
COM50B1	10/13/1997	N	7.38	13.27	
COM50B1	4/13/1998	N	10.77	9.88	
COM50B1	10/6/1998	N	8.17	12.48	
COM50B1	5/7/1999	N	9.21	11.44	
COM50B1	10/11/1999	N	8.04	12.61	
COM50B1	4/10/2000	N	8.94	11.71	
COM50B1	10/9/2000	N	7.88	12.77	
COM50B1	4/9/2001	N	9.75	10.9	
COM50B1	10/8/2001	N	8.79	11.86	20.65
COM50B1	10/11/2002	N	8.8	11.85	20.65
COM50B1	10/9/2003	N	8.57	12.08	20.65
COM50B1	10/4/2004	N	8.61	12.04	20.65
COM50B1	10/11/2005	N	8.84	11.81	20.65
COM51B1	12/1/1988	N	12.99	13.75	
COM51B1	3/1/1989	N	14.2	12.54	
COM51B1	4/1/1989	N	14.73	12.01	
COM51B1	8/1/1989	N	13.02	13.72	
COM51B1	10/1/1989	N	10.82	15.92	
COM51B1	1/1/1990	N	10.88	15.86	
COM51B1	4/1/1990	N	11.85	14.89	
COM51B1	7/1/1990	N	11	15.74	
COM51B1	10/1/1990	N	10.44	16.3	
COM51B1	1/1/1991	N	11.67	15.07	
COM51B1	4/1/1991	N	16.67	10.07	
COM51B1	7/1/1991	N	14.59	12.15	
COM51B1	10/7/1991	N	12.97	13.77	
COM51B1	1/6/1992	N	13.75	12.99	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM51B1	4/6/1992	N	17.67	9.07	
COM51B1	7/6/1992	N	14.37	12.37	
COM51B1	10/5/1992	N	13.18	13.56	
COM51B1	1/4/1993	N	15.75	10.99	
COM51B1	4/5/1993	N	19	7.74	
COM51B1	7/6/1993	N	15.44	11.3	
COM51B1	10/4/1993	N	13.07	13.67	
COM51B1	1/3/1994	N	13.7	13.04	
COM51B1	4/4/1994	N	15.16	11.58	
COM51B1	7/5/1994	N	15.34	11.4	
COM51B1	10/3/1994	N	16.17	10.57	
COM51B1	1/3/1995	N	15.58	11.16	
COM51B1	4/3/1995	N	20.06	6.68	
COM51B1	7/10/1995	N	16.69	10.05	
COM51B1	10/3/1995	N	17.01	9.73	
COM51B1	11/8/1995	N	14.26	12.48	
COM51B1	4/1/1996	N	17.92	8.82	
COM51B1	10/7/1996	N	14.28	12.46	
COM51B1	4/7/1997	N	17.88	8.86	
COM51B1	10/13/1997	N	11.05	14.14	
COM51B1	4/13/1998	N	16.7	8.49	
COM51B1	10/6/1998	N	13.71	11.48	
COM51B1	5/7/1999	N	15.32	9.87	
COM51B1	10/11/1999	N	14.17	11.02	
COM51B1	4/10/2000	N	17.34	7.85	
COM51B1	10/9/2000	N	14.58	10.61	
COM51B1	4/9/2001	N	16.66	8.53	
COM51B1	10/8/2001	N	14.85	10.34	25.19
COM51B1	10/11/2002	N	15.01	10.18	25.19
COM51B1	10/9/2003	N	14.27	10.92	25.19
COM51B1	10/4/2004	N	14.71	10.48	25.19
COM51B1	10/11/2005	N	14.08	11.11	25.19
COM51B2	12/1/1988	N	13.68	14	
COM51B2	3/1/1989	N	14.58	13.1	
COM51B2	4/1/1989	N	15.17	12.51	
COM51B2	8/1/1989	N	13.46	14.22	
COM51B2	10/1/1989	N	11.47	16.21	
COM51B2	1/1/1990	N	11.85	15.83	
COM51B2	4/1/1990	N	12.57	15.11	
COM51B2	7/1/1990	N	11.91	15.77	
COM51B2	10/1/1990	N	11.57	16.11	
COM51B2	1/1/1991	N	12.6	15.08	
COM51B2	4/1/1991	N	17.08	10.6	
COM51B2	7/1/1991	N	15.38	12.3	
COM51B2	10/7/1991	N	13.88	13.8	
COM51B2	1/6/1992	N	14.57	13.11	
COM51B2	4/6/1992	N	15.72	11.96	
COM51B2	7/6/1992	N	15.07	12.61	
COM51B2	10/5/1992	N	13.92	13.76	
COM51B2	1/4/1993	N	15.53	12.15	
COM51B2	4/5/1993	N	18.82	8.86	
COM51B2	7/6/1993	N	15.68	12	
COM51B2	10/4/1993	N	13.4	14.28	

Notes:

All values are in feet.

Locus TECHNOLOGIES

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM51B2	1/3/1994	N	14.12	13.56	
COM51B2	4/4/1994	N	15.5	12.18	
COM51B2	7/5/1994	N	15.99	11.69	
COM51B2	10/3/1994	N	17.76	9.92	
COM51B2	1/3/1995	N	16.08	11.6	
COM51B2	4/3/1995	N	18.82	8.86	
COM51B2	7/10/1995	N	17.2	10.48	
COM51B2	10/3/1995	N	18.39	9.29	
COM51B2	11/8/1995	N	14.87	12.81	
COM51B2	4/1/1996	N	17.87	9.81	
COM51B2	10/7/1996	N	14.99	12.69	
COM51B2	4/7/1997	N	18.1	9.58	
COM51B2	10/13/1997	N	11.51	13.82	
COM51B2	4/13/1998	N	16.2	9.13	
COM51B2	10/6/1998	N	13.74	11.59	
COM51B2	5/7/1999	N	15.24	10.09	
COM51B2	10/11/1999	N	14.68	10.65	
COM51B2	4/10/2000	N	17.11	8.22	
COM51B2	10/9/2000	N	13.75	11.58	
COM51B2	4/9/2001	N	16.59	8.74	
COM51B2	10/8/2001	N	15.13	10.2	25.33
COM51B2	10/11/2002	N	16.2	9.13	25.33
COM51B2	10/9/2003	N	15.06	10.27	25.33
COM51B2	10/4/2004	N	15.53	9.8	25.33
COM51B2	10/11/2005	N	15.07	10.26	25.33
COM52B2	12/1/1988	N	9.86	12.62	
COM52B2	3/1/1989	N	9.3	13.18	
COM52B2	4/1/1989	N	9.23	13.25	
COM52B2	8/1/1989	N	8.24	14.24	
COM52B2	10/1/1989	N	8.09	14.39	
COM52B2	1/1/1990	N	8.32	14.16	
COM52B2	4/1/1990	N	8.5	13.98	
COM52B2	7/1/1990	N	8.28	14.2	
COM52B2	10/1/1990	N	7.75	14.73	
COM52B2	1/1/1991	N	8.41	14.07	
COM52B2	4/1/1991	N	10.96	11.52	
COM52B2	7/1/1991	N	9.14	13.34	
COM52B2	10/7/1991	N	8.46	14.02	
COM52B2	1/6/1992	N	9.48	13	
COM52B2	4/6/1992	N	11.32	11.16	
COM52B2	7/6/1992	N	9.51	12.97	
COM52B2	10/5/1992	N	8.63	13.85	
COM52B2	1/4/1993	N	10.64	11.84	
COM52B2	4/5/1993	N	11.68	10.8	
COM52B2	7/6/1993	N	9.94	12.54	
COM52B2	10/4/1993	N	8.71	13.77	
COM52B2	1/3/1994	N	9.73	12.75	
COM52B2	4/4/1994	N	10.38	12.1	
COM52B2	7/5/1994	N	9.97	12.51	
COM52B2	10/3/1994	N	9.82	12.66	
COM52B2	1/3/1995	N	10.42	12.06	
COM52B2	4/3/1995	N	12.83	9.65	
COM52B2	7/10/1995	N	10.97	11.51	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM52B2	10/3/1995	N	10.69	11.79	
COM52B2	11/8/1995	N	10.03	12.45	
COM52B2	4/1/1996	N	11.7	10.78	
COM52B2	10/7/1996	N	10.1	12.38	
COM52B2	4/7/1997	N	11.69	10.79	
COM52B2	10/13/1997	N	8.54	12.85	
COM52B2	4/13/1998	N	11.21	10.18	
COM52B2	10/6/1998	N	9.47	11.92	
COM52B2	5/7/1999	N	10.15	11.24	
COM52B2	10/11/1999	N	9.14	12.25	
COM52B2	4/10/2000	N	10.62	10.77	
COM52B2	10/9/2000	N	8.94	12.45	
COM52B2	4/9/2001	N	10.43	10.96	
COM52B2	10/8/2001	N	9.76	11.63	21.39
COM52B2	10/11/2002	N	9.81	11.58	21.39
COM52B2	10/9/2003	N	9.66	11.73	21.39
COM52B2	10/4/2004	N	9.7	11.69	21.39
COM52B2	10/11/2005	N	10.06	11.33	21.39
COM53B3	12/1/1988	N	11.06	21.55	
COM53B3	3/1/1989	N	11.33	21.28	
COM53B3	4/1/1989	N	9.3	23.31	
COM53B3	8/1/1989	N	8.26	24.35	
COM53B3	10/1/1989	N	7.61	25	
COM53B3	1/1/1990	N	8.77	23.84	
COM53B3	4/1/1990	N	9.01	23.6	
COM53B3	7/1/1990	N	9.77	22.84	
COM53B3	10/1/1990	N	12.29	20.32	
COM53B3	1/1/1991	N	11.17	21.44	
COM53B3	4/1/1991	N	13.12	19.49	
COM53B3	7/1/1991	N	12.57	20.04	
COM53B3	10/7/1991	N	11.39	21.22	
COM53B3	1/6/1992	N	12.09	20.52	
COM53B3	4/6/1992	N	15.62	16.99	
COM53B3	7/6/1992	N	13.96	18.65	
COM53B3	10/5/1992	N	15.18	17.43	
COM53B3	1/4/1993	N	10.44	22.17	
COM53B3	4/5/1993	N	15.03	17.58	
COM53B3	7/6/1993	N	12.66	19.95	
COM53B3	10/4/1993	N	9.82	22.79	
COM53B3	1/3/1994	N	10.73	21.88	
COM53B3	4/4/1994	N	11.99	20.62	
COM53B3	7/5/1994	N	12.08	20.53	
COM53B3	10/3/1994	N	18.43	14.18	
COM53B3	1/3/1995	N	11.79	20.82	
COM53B3	4/3/1995	N	16.2	16.41	
COM53B3	7/10/1995	N	14.72	17.89	
COM53B3	10/3/1995	N	16.46	16.15	
COM53B3	11/8/1995	N	13.05	19.56	
COM53B3	4/1/1996	N	14.29	18.32	
COM53B3	10/7/1996	N	11.46	21.15	
COM53B3	4/7/1997	N	15.48	17.13	
COM53B3	10/13/1997	N	13.06	18.19	
COM53B3	4/13/1998	N	17.37	13.88	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM53B3	10/6/1998	N	14.98	16.27	
COM53B3	5/7/1999	N	15.24	16.01	
COM53B3	10/11/1999	N	14.99	16.27	
COM53B3	4/10/2000	N	14.55	16.7	
COM53B3	10/9/2000	N	12.66	18.59	
COM53B3	4/9/2001	N	14.8	16.45	
COM53B3	10/8/2001	N	12.92	18.33	31.25
COM53B3	10/11/2002	N	17.88	13.37	31.25
COM53B3	10/9/2003	N	17.41	13.84	31.25
COM53B3	10/4/2004	N	17.99	13.26	31.25
COM53B3	10/11/2005	N	18.81	12.44	31.25
COM53B4	12/1/1988	N	12.18	20.49	
COM53B4	3/1/1989	N	12.64	20.03	
COM53B4	4/1/1989	N	9.81	22.86	
COM53B4	8/1/1989	N	9.05	23.62	
COM53B4	10/1/1989	N	8.45	24.22	
COM53B4	1/1/1990	N	9.35	23.32	
COM53B4	4/1/1990	N	10.16	22.51	
COM53B4	7/1/1990	N	10.79	21.88	
COM53B4	10/1/1990	N	14.72	17.95	
COM53B4	1/1/1991	N	12.51	20.16	
COM53B4	4/1/1991	N	14.36	18.31	
COM53B4	7/1/1991	N	13.87	18.8	
COM53B4	10/7/1991	N	12.89	19.78	
COM53B4	1/6/1992	N	14	18.67	
COM53B4	4/6/1992	N	16.77	15.9	
COM53B4	7/6/1992	N	15.21	17.46	
COM53B4	10/5/1992	N	18.91	13.76	
COM53B4	1/4/1993	N	11.88	20.79	
COM53B4	4/5/1993	N	14.63	18.04	
COM53B4	7/6/1993	N	14.48	18.19	
COM53B4	10/4/1993	N	10.99	21.68	
COM53B4	1/3/1994	N	12.73	19.94	
COM53B4	4/4/1994	N	13.11	19.56	
COM53B4	7/5/1994	N	13.15	19.52	
COM53B4	10/3/1994	N	19.03	13.64	
COM53B4	1/3/1995	N	13.44	19.23	
COM53B4	4/3/1995	N	17.97	14.7	
COM53B4	7/10/1995	N	16.05	16.62	
COM53B4	10/3/1995	N	17.07	15.6	
COM53B4	11/8/1995	N	15.35	17.32	
COM53B4	4/1/1996	N	17.54	15.13	
COM53B4	10/7/1996	N	14.4	18.27	
COM53B4	4/7/1997	N	18.42	14.25	
COM53B4	10/13/1997	N	16.47	14.86	
COM53B4	4/13/1998	N	21.19	10.14	
COM53B4	10/6/1998	N	18.63	12.7	
COM53B4	5/7/1999	N	19.25	12.08	
COM53B4	10/11/1999	N	18.72	12.61	
COM53B4	4/10/2000	N	17.84	13.49	
COM53B4	10/9/2000	N	15.91	15.42	
COM53B4	4/9/2001	N	18.09	13.24	
COM53B4	10/8/2001	N	15.86	15.47	31.33

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM53B4	10/11/2002	N	21.36	9.97	31.33
COM53B4	10/9/2003	N	20.83	10.5	31.33
COM53B4	10/4/2004	N	21.12	10.21	31.33
COM53B4	10/11/2005	N	22.26	9.07	31.33
COM54B3	12/1/1988	N	11.88	18.2	
COM54B3	3/1/1989	N	12.11	17.97	
COM54B3	4/1/1989	N	9.86	20.22	
COM54B3	8/1/1989	N	9.72	20.36	
COM54B3	10/1/1989	N	8.7	21.38	
COM54B3	1/1/1990	N	9.59	20.49	
COM54B3	4/1/1990	N	10.25	19.83	
COM54B3	7/1/1990	N	10.68	19.4	
COM54B3	10/1/1990	N	14.09	15.99	
COM54B3	1/1/1991	N	12.46	17.62	
COM54B3	4/1/1991	N	14.86	15.22	
COM54B3	7/1/1991	N	14.27	15.81	
COM54B3	10/7/1991	N	12.96	17.12	
COM54B3	1/6/1992	N	13.6	16.48	
COM54B3	4/6/1992	N	17.58	12.5	
COM54B3	7/6/1992	N	15.93	14.15	
COM54B3	10/5/1992	N	17.32	12.76	
COM54B3	1/4/1993	N	13.28	16.8	
COM54B3	4/5/1993	N	16.03	14.05	
COM54B3	7/6/1993	N	15.15	14.93	
COM54B3	10/4/1993	N	11.21	18.87	
COM54B3	1/3/1994	N	12.82	17.26	
COM54B3	4/4/1994	N	13.77	16.31	
COM54B3	7/5/1994	N	14.02	16.06	
COM54B3	10/3/1994	N	15.76	14.32	
COM54B3	1/3/1995	N	14.24	15.84	
COM54B3	4/3/1995	N	17.26	12.82	
COM54B3	7/10/1995	N	15.95	14.13	
COM54B3	10/3/1995	N	17.45	12.63	
COM54B3	11/8/1995	N	14.61	15.47	
COM54B3	4/1/1996	N	17.02	13.06	
COM54B3	10/7/1996	N	13.9	16.18	
COM54B3	4/7/1997	N	17.92	12.16	
COM54B3	10/13/1997	N	14.82	13.67	
COM54B3	4/13/1998	N	19.43	9.06	
COM54B3	10/6/1998	N	16.69	11.8	
COM54B3	5/7/1999	N	17.68	10.81	
COM54B3	10/11/1999	N	17.36	11.13	
COM54B3	4/10/2000	N	17.68	10.81	
COM54B3	10/9/2000	N	15.1	13.39	
COM54B3	4/9/2001	N	16.89	11.6	
COM54B3	10/8/2001	N	16.54	11.95	28.49
COM54B3	10/11/2002	N	19.42	9.07	28.49
COM54B3	10/9/2003	N	18.94	9.55	28.49
COM54B3	10/4/2004	N	18.3	10.19	28.49
COM54B3	10/11/2005	N	20.51	7.98	28.49
COM54B4	12/1/1988	N	13.15	16.94	
COM54B4	3/1/1989	N	13.9	16.19	
COM54B4	4/1/1989	N	11.53	18.56	

Notes:

All values are in feet.

Locus TECHNOLOGIES

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM54B4	8/1/1989	N	10.88	19.21	
COM54B4	10/1/1989	N	10.41	19.68	
COM54B4	1/1/1990	N	10.99	19.1	
COM54B4	4/1/1990	N	12.11	17.98	
COM54B4	7/1/1990	N	12.99	17.1	
COM54B4	10/1/1990	N	15.19	14.9	
COM54B4	1/1/1991	N	14.05	16.04	
COM54B4	4/1/1991	N	16.02	14.07	
COM54B4	7/1/1991	N	15.24	14.85	
COM54B4	10/7/1991	N	14.34	15.75	
COM54B4	1/6/1992	N	15.33	14.76	
COM54B4	4/6/1992	N	18.17	11.92	
COM54B4	7/6/1992	N	16.49	13.6	
COM54B4	10/5/1992	N	18.58	11.51	
COM54B4	1/4/1993	N	14.2	15.89	
COM54B4	4/5/1993	N	16.87	13.22	
COM54B4	7/6/1993	N	16.07	14.02	
COM54B4	10/4/1993	N	13.11	16.98	
COM54B4	1/3/1994	N	13.11	16.98	
COM54B4	4/4/1994	N	13.87	16.22	
COM54B4	7/5/1994	N	15.51	14.58	
COM54B4	10/3/1994	N	19.34	10.75	
COM54B4	1/3/1995	N	15.84	14.25	
COM54B4	4/3/1995	N	19.83	10.26	
COM54B4	7/10/1995	N	18.02	12.07	
COM54B4	10/3/1995	N	18.8	11.29	
COM54B4	11/8/1995	N	17	13.09	
COM54B4	4/1/1996	N	19.35	10.74	
COM54B4	10/7/1996	N	16.59	13.5	
COM54B4	4/7/1997	N	20.44	9.65	
COM54B4	10/13/1997	N	17.36	11.09	
COM54B4	4/13/1998	N	21.7	6.75	
COM54B4	10/6/1998	N	19.3	9.15	
COM54B4	5/7/1999	N	20.11	8.34	
COM54B4	10/11/1999	N	19.51	8.94	
COM54B4	4/10/2000	N	19.6	8.85	
COM54B4	10/9/2000	N	17.64	10.81	
COM54B4	4/9/2001	N	19.79	8.66	
COM54B4	10/8/2001	N	18.07	10.38	28.45
COM54B4	10/11/2002	N	21.48	6.97	28.45
COM54B4	10/9/2003	N	21.18	7.27	28.45
COM54B4	10/4/2004	N	21.71	6.74	28.45
COM54B4	10/11/2005	N	22.2	6.25	28.45
COM55A	10/1/1988	N	16.36	10.05	
COM55A	12/1/1988	N	4.41	22	
COM55A	3/1/1989	N	4.45	21.96	
COM55A	4/1/1989	N	4.52	21.89	
COM55A	8/1/1989	N	4.14	22.27	
COM55A	10/1/1989	N	3.52	22.89	
COM55A	1/1/1990	N	4.12	22.29	
COM55A	4/1/1990	N	3.37	23.04	
COM55A	7/1/1990	N	4.47	21.94	
COM55A	10/1/1990	N	3.21	23.2	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM55A	1/1/1991	N	14.29	12.12	
COM55A	4/1/1991	N	16.03	10.38	
COM55A	7/1/1991	N	14.93	11.48	
COM55A	10/7/1991	N	14.95	11.46	
COM55A	1/6/1992	N	11.21	15.2	
COM55A	4/6/1992	N	14.28	12.13	
COM55A	7/6/1992	N	15.86	10.55	
COM55A	10/5/1992	N	14.08	12.33	
COM55A	1/4/1993	N	17.87	8.54	
COM55A	4/5/1993	N	17.46	8.95	
COM55A	7/6/1993	N	15.94	10.47	
COM55A	10/4/1993	N	15.48	10.93	
COM55A	1/3/1994	N	17.24	9.17	
COM55A	4/4/1994	N	17.34	9.07	
COM55A	7/5/1994	N	16.91	9.5	
COM55A	10/3/1994	N	17.18	9.23	
COM55A	1/3/1995	N	16.39	10.02	
COM55A	4/3/1995	N	18.42	7.99	
COM55A	7/10/1995	N	16.85	9.56	
COM55A	10/3/1995	N	17.6	8.81	
COM55A	11/8/1995	N	16.74	9.67	
COM55A	4/1/1996	N	17.98	8.43	
COM55A	10/7/1996	N	16.82	9.59	
COM55A	4/7/1997	N	17.43	8.98	
COM55A	10/13/1997	N	18.66	9.11	
COM55A	4/13/1998	N	18.85	8.92	
COM55A	10/5/1998	N	17.63	10.14	
COM55A	5/7/1999	N	17.98	9.79	
COM55A	10/11/1999	N	17.78	9.99	
COM55A	4/10/2000	N	18.6	9.17	
COM55A	10/9/2000	N	17.82	9.95	
COM55A	4/9/2001	N	18.58	9.19	
COM55A	10/8/2001	N	18.57	9.2	27.77
COM55A	10/11/2002	N	18.86	8.91	27.77
COM55A	10/9/2003	N	18.98	8.79	27.77
COM55A	10/4/2004	N	18.48	9.29	27.77
COM55A	10/11/2005	N	19.37	8.4	27.77
COM55B1	12/1/1988	N	15.73	14.3	
COM55B1	3/1/1989	N	16.34	13.69	
COM55B1	4/1/1989	N	16.34	13.69	
COM55B1	8/1/1989	N	15.67	14.36	
COM55B1	10/1/1989	N	15.23	14.8	
COM55B1	1/1/1990	N	14.86	15.17	
COM55B1	4/1/1990	N	13.81	16.22	
COM55B1	7/1/1990	N	15.07	14.96	
COM55B1	10/1/1990	N	13.81	16.22	
COM55B1	1/1/1991	N	16.4	13.63	
COM55B1	4/1/1991	N	19.36	10.67	
COM55B1	7/1/1991	N	17.76	12.27	
COM55B1	10/7/1991	N	17.22	12.81	
COM55B1	1/6/1992	N	17.57	12.46	
COM55B1	4/6/1992	N	19.83	10.2	
COM55B1	7/6/1992	N	18.73	11.3	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM55B1	10/5/1992	N	17.8	12.23	
COM55B1	1/4/1993	N	19.96	10.07	
COM55B1	4/5/1993	N	20.92	9.11	
COM55B1	7/6/1993	N	19.21	10.82	
COM55B1	10/4/1993	N	17.86	12.17	
COM55B1	1/3/1994	N	18.76	11.27	
COM55B1	4/4/1994	N	19.25	10.78	
COM55B1	7/5/1994	N	19.32	10.71	
COM55B1	10/3/1994	N	19.66	10.37	
COM55B1	1/3/1995	N	19.38	10.65	
COM55B1	4/3/1995	N	21.13	8.9	
COM55B1	7/10/1995	N	19.41	10.62	
COM55B1	10/3/1995	N	20.14	9.89	
COM55B1	11/8/1995	N	18.89	11.14	
COM55B1	4/1/1996	N	20.18	9.85	
COM55B1	10/7/1996	N	18.77	11.26	
COM55B1	4/7/1997	N	19.7	10.33	
COM55B1	10/13/1997	N	17.69	10.99	
COM55B1	4/13/1998	N	19.37	9.31	
COM55B1	10/6/1998	N	17.76	10.92	
COM55B1	5/7/1999	N	18.25	10.43	
COM55B1	10/11/1999	N	17.98	10.7	
COM55B1	4/10/2000	N	18.71	9.97	
COM55B1	10/9/2000	N	17.7	10.98	
COM55B1	4/9/2001	N	18.72	9.96	
COM55B1	10/8/2001	N	18.28	10.4	28.68
COM55B1	10/11/2002	N	18.58	10.1	28.68
COM55B1	10/9/2003	N	18.44	10.24	28.68
COM55B1	10/4/2004	N	18.63	10.05	28.68
COM55B1	10/11/2005	N	18.61	10.07	28.68
COM56B3	12/1/1988	N	11.14	21.12	
COM56B3	3/1/1989	N	70.93	-38.67	
COM56B3	4/1/1989	N	9.71	22.55	
COM56B3	8/1/1989	N	9.49	22.77	
COM56B3	10/1/1989	N	8.75	23.51	
COM56B3	1/1/1990	N	9.37	22.89	
COM56B3	4/1/1990	N	10.04	22.22	
COM56B3	7/1/1990	N	9.9	22.36	
COM56B3	10/1/1990	N	11.61	20.65	
COM56B3	1/1/1991	N	11.03	21.23	
COM56B3	4/1/1991	N	13.17	19.09	
COM56B3	7/1/1991	N	12.38	19.88	
COM56B3	10/7/1991	N	10.03	22.23	
COM56B3	1/6/1992	N	12.11	20.15	
COM56B3	4/6/1992	N	15.95	16.31	
COM56B3	7/6/1992	N	13.38	18.88	
COM56B3	10/5/1992	N	14.44	17.82	
COM56B3	1/4/1993	N	11.91	20.35	
COM56B3	4/5/1993	N	16.96	15.3	
COM56B3	7/6/1993	N	14.54	17.72	
COM56B3	10/4/1993	N	11.97	20.29	
COM56B3	1/3/1994	N	12.51	19.75	
COM56B3	4/4/1994	N	12.86	19.4	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM56B3	7/5/1994	N	13.26	19	
COM56B3	10/3/1994	N	19.05	13.21	
COM56B3	1/3/1995	N	12.88	19.38	
COM56B3	4/3/1995	N	18.04	14.22	
COM56B3	7/10/1995	N	16.02	16.24	
COM56B3	10/3/1995	N	17.71	14.55	
COM56B3	11/8/1995	N	14.49	17.77	
COM56B3	4/1/1996	N	13.86	18.4	
COM56B3	10/7/1996	N	11.49	20.77	
COM56B3	4/7/1997	N	14.92	17.34	
COM56B3	10/13/1997	N	12.34	18.13	
COM56B3	4/13/1998	N	16.51	13.96	
COM56B3	10/6/1998	N	14.02	16.45	
COM56B3	5/7/1999	N	14.48	15.99	
COM56B3	10/11/1999	N	13.92	16.56	
COM56B3	4/10/2000	N	14.06	16.41	
COM56B3	10/9/2000	N	12.36	18.11	
COM56B3	4/9/2001	N	13.84	16.63	
COM56B3	10/8/2001	N	12.77	17.71	30.47
COM56B3	10/11/2002	N	16.56	13.91	30.47
COM56B3	10/9/2003	N	16.07	14.4	30.47
COM56B3	10/4/2004	N	16.75	13.72	30.47
COM56B3	10/11/2005	N	17.58	12.89	30.47
COM59B1	7/6/1992	N	13.03	18.27	
COM59B1	10/5/1992	N	3.2	28.1	
COM59B1	1/4/1993	N	3.2	28.1	
COM59B1	4/5/1993	N	17.54	13.76	
COM59B1	7/6/1993	N	4.25	27.05	
COM59B1	10/4/1993	N	2.99	28.31	
COM59B1	1/3/1994	N	2.08	29.22	
COM59B1	4/4/1994	N	12.4	18.9	
COM59B1	7/5/1994	N	13.68	17.62	
COM59B1	10/3/1994	N	19.8	11.5	
COM59B1	1/3/1995	N	4.02	27.28	
COM59B1	4/3/1995	N	7.5	23.8	
COM59B1	7/10/1995	N	14.68	16.62	
COM59B1	10/3/1995	N	16.59	14.71	
COM59B1	11/8/1995	N	3.95	27.35	
COM59B1	4/1/1996	N	5.25	26.05	
COM59B1	10/7/1996	N	2.03	29.27	
COM59B1	4/7/1997	N	5.12	26.18	
COM59B1	10/13/1997	N	2.55	27.05	
COM59B1	4/13/1998	N	6.75	22.85	
COM59B1	10/5/1998	N	4.85	24.75	
COM59B1	5/7/1999	N	3.92	25.68	
COM59B1	10/11/1999	N	2.49	27.13	
COM59B1	4/10/2000	N	3.85	25.75	
COM59B1	10/9/2000	N	0.42	29.18	
COM59B1	4/9/2001	N	2.67	26.93	
COM59B1	10/8/2001	N	0.93	28.67	29.6
COM59B1	10/11/2002	N	8.92	20.68	29.6
COM59B1	10/9/2003	N	10.26	19.34	29.6
COM59B1	10/4/2004	N	12.19	17.41	29.6

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM59B1	10/11/2005	N	14.24	15.36	29.6
COM59B2	7/6/1992	N	11.52	19.69	
COM59B2	10/5/1992	N	7.79	23.42	
COM59B2	1/4/1993	N	4.11	27.1	
COM59B2	4/5/1993	N	16.96	14.25	
COM59B2	7/6/1993	N	8.37	22.84	
COM59B2	10/4/1993	N	7.63	23.58	
COM59B2	1/3/1994	N	6.04	25.17	
COM59B2	4/4/1994	N	-7.16	38.37	
COM59B2	7/5/1994	N	12.56	18.65	
COM59B2	10/3/1994	N	19.6	11.61	
COM59B2	1/3/1995	N	8.61	22.6	
COM59B2	4/3/1995	N	11.65	19.56	
COM59B2	7/10/1995	N	-9.13	40.34	
COM59B2	10/3/1995	N	15.81	15.4	
COM59B2	11/8/1995	N	-13.87	45.08	
COM59B2	10/7/1996	N	-15.11	46.32	
COM59B2	4/7/1997	N	-3.38	34.59	
COM59B2	10/13/1997	N	-12.91	42.51	
COM59B2	4/13/1998	N	-21.81	51.41	
COM59B2	10/6/1998	N	-20.61	50.21	
COM59B2	5/7/1999	N	-21.84	51.44	
COM59B2	10/11/1999	N	-20.55	50.19	
COM59B2	4/10/2000	N	-5.49	35.09	
COM59B2	10/9/2000	N	-21.25	50.85	
COM59B2	4/9/2001	N	-2.67	32.27	
COM59B2	10/8/2001	N	-17.45	47.05	29.6
COM59B2	10/11/2002	N	-10.06	39.66	29.6
COM59B2	10/9/2003	N	-7.39	36.99	29.6
COM59B2	10/4/2004	N	-11.08	40.68	29.6
COM59B2	10/11/2005	N	12.45	17.15	29.6
COM60B1	7/6/1992	N	8.6	18.07	
COM60B1	10/5/1992	N	10.38	16.29	
COM60B1	1/4/1993	N	3.04	23.63	
COM60B1	4/5/1993	N	7.54	19.13	
COM60B1	7/6/1993	N	4.66	22.01	
COM60B1	10/4/1993	N	7.41	19.26	
COM60B1	1/3/1994	N	8.52	18.15	
COM60B1	4/4/1994	N	-1.47	28.14	
COM60B1	7/5/1994	N	-1.63	28.3	
COM60B1	10/3/1994	N	5.57	21.1	
COM60B1	1/3/1995	N	16.2	10.47	
COM60B1	4/3/1995	N	6.48	20.19	
COM60B1	7/10/1995	N	10.37	16.3	
COM60B1	10/3/1995	N	18.07	8.6	
COM60B1	11/8/1995	N	2.44	24.23	
COM60B1	4/1/1996	N	5.7	20.97	
COM60B1	10/7/1996	N	5.17	21.5	
COM60B1	4/7/1997	N	-0.42	27.09	
COM60B1	10/13/1997	N	0.99	23.55	
COM60B1	4/13/1998	N	8.97	15.57	
COM60B1	10/6/1998	N	4.03	20.51	
COM60B1	5/7/1999	N	5.72	18.82	

Notes:

All values are in feet.

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PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM60B1	10/11/1999	N	2.41	22.14	
COM60B1	4/10/2000	N	3.05	21.49	
COM60B1	10/9/2000	N	1.01	23.53	
COM60B1	4/9/2001	N	-2.93	27.47	
COM60B1	10/8/2001	N	0.46	24.09	24.54
COM60B1	10/11/2002	N	9.7	14.84	24.54
COM60B1	10/9/2003	N	8.49	16.05	24.54
COM60B1	10/4/2004	N	4.22	20.32	24.54
COM60B1	10/11/2005	N	-1.11	25.65	24.54
COM60B2	7/6/1992	N	11.22	15.42	
COM60B2	10/5/1992	N	12.96	13.68	
COM60B2	1/4/1993	N	12.52	14.12	
COM60B2	4/5/1993	N	17.24	9.4	
COM60B2	7/6/1993	N	6.2	20.44	
COM60B2	10/4/1993	N	2.5	24.14	
COM60B2	1/3/1994	N	3.95	22.69	
COM60B2	4/4/1994	N	3.96	22.68	
COM60B2	7/5/1994	N	14.75	11.89	
COM60B2	10/3/1994	N	14.31	12.33	
COM60B2	1/3/1995	N	14.84	11.8	
COM60B2	4/3/1995	N	14.34	12.3	
COM60B2	7/10/1995	N	5.18	21.46	
COM60B2	10/3/1995	N	17.54	9.1	
COM60B2	11/8/1995	N	5.97	20.67	
COM60B2	4/1/1996	N	11.79	14.85	
COM60B2	10/7/1996	N	5.03	21.61	
COM60B2	4/7/1997	N	9.47	17.17	
COM60B2	10/13/1997	N	9.2	15.32	
COM60B2	4/13/1998	N	6.29	18.23	
COM60B2	10/6/1998	N	2.04	22.48	
COM60B2	5/7/1999	N	1.58	22.94	
COM60B2	10/11/1999	N	10.49	14.03	
COM60B2	4/10/2000	N	8.9	15.62	
COM60B2	10/9/2000	N	3.95	20.57	
COM60B2	4/9/2001	N	7.73	16.79	
COM60B2	10/8/2001	N	9.56	14.96	24.52
COM60B2	10/11/2002	N	12.63	11.89	24.52
COM60B2	10/9/2003	N	9.75	14.77	24.52
COM60B2	10/4/2004	N	4.12	20.4	24.52
COM60B2	10/11/2005	N	6.41	18.11	24.52
COM61B2	7/6/1992	N	9.91	13.57	
COM61B2	10/5/1992	N	8.69	14.79	
COM61B2	1/4/1993	N	-8.89	32.37	
COM61B2	4/5/1993	N	-11.62	35.1	
COM61B2	7/6/1993	N	-8.15	31.63	
COM61B2	10/4/1993	N	-16.87	40.35	
COM61B2	1/3/1994	N	-15.64	39.12	
COM61B2	4/4/1994	N	1.27	22.21	
COM61B2	7/5/1994	N	-17.42	40.9	
COM61B2	10/3/1994	N	6.55	16.93	
COM61B2	1/3/1995	N	-18.94	42.42	
COM61B2	4/3/1995	N	1.65	21.83	
COM61B2	7/10/1995	N	-2.34	25.82	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM61B2	10/3/1995	N	14.81	8.67	
COM61B2	11/8/1995	N	2.32	21.16	
COM61B2	4/1/1996	N	3.29	20.19	
COM61B2	10/7/1996	N	-9.18	32.66	
COM61B2	4/7/1997	N	2.93	20.55	
COM61B2	10/13/1997	N	1.02	20.83	
COM61B2	4/13/1998	N	11.46	10.39	
COM61B2	10/6/1998	N	4.11	17.74	
COM61B2	5/7/1999	N	-13.58	35.43	
COM61B2	10/11/1999	N	-13.94	35.82	
COM61B2	4/10/2000	N	-13.34	35.19	
COM61B2	10/9/2000	N	-18.14	39.99	
COM61B2	4/9/2001	N	-0.17	22.02	
COM61B2	10/8/2001	N	-13.73	35.6	21.85
COM61B2	10/11/2002	N	-4.9	26.75	21.85
COM61B2	10/9/2003	N	-19.27	41.12	21.85
COM61B2	10/4/2004	N	-14.66	36.51	21.85
COM61B2	10/11/2005	N	-3.46	25.31	21.85
COM62B1	7/6/1992	N	8.45	15.72	
COM62B1	10/5/1992	N	-7.74	31.91	
COM62B1	1/4/1993	N	1.98	22.19	
COM62B1	4/5/1993	N	3.05	21.12	
COM62B1	7/6/1993	N	1.56	22.61	
COM62B1	10/4/1993	N	-3.92	28.09	
COM62B1	1/3/1994	N	-2.6	26.77	
COM62B1	4/4/1994	N	11.12	13.05	
COM62B1	7/5/1994	N	-1.62	25.79	
COM62B1	10/3/1994	N	12.22	11.95	
COM62B1	1/3/1995	N	-0.27	24.44	
COM62B1	4/3/1995	N	3.99	20.18	
COM62B1	7/10/1995	N	-2.14	26.31	
COM62B1	10/3/1995	N	13.64	10.53	
COM62B1	11/8/1995	N	1.02	23.15	
COM62B1	4/1/1996	N	6.8	17.37	
COM62B1	10/7/1996	N	6.44	17.73	
COM62B1	4/7/1997	N	8.45	15.72	
COM62B1	10/13/1997	N	-5.54	28.1	
COM62B1	4/13/1998	N	0.28	22.28	
COM62B1	10/5/1998	N	-1.23	23.79	
COM62B1	5/7/1999	N	1.14	21.42	
COM62B1	10/11/1999	N	-1.14	23.71	
COM62B1	4/10/2000	N	-1.52	24.08	
COM62B1	10/9/2000	N	-0.69	23.25	
COM62B1	4/9/2001	N	1.78	20.78	
COM62B1	10/8/2001	N	3.44	19.12	22.56
COM62B1	10/11/2002	N	2.81	19.75	22.56
COM62B1	10/9/2003	N	-6.69	29.25	22.56
COM62B1	10/4/2004	N	-4	26.56	22.56
COM62B1	10/11/2005	N	7.64	14.92	22.56
COM63B1	7/6/1992	N	7.73	9.54	
COM63B1	10/5/1992	N	7.16	10.11	
COM63B1	1/4/1993	N	8.74	8.53	
COM63B1	4/5/1993	N	9.74	7.53	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM63B1	7/6/1993	N	8.11	9.16	
COM63B1	10/4/1993	N	7.33	9.94	
COM63B1	1/3/1994	N	7.95	9.32	
COM63B1	4/4/1994	N	9.38	7.89	
COM63B1	7/5/1994	N	8.09	9.18	
COM63B1	10/3/1994	N	7.76	9.51	
COM63B1	1/3/1995	N	8.24	9.03	
COM63B1	4/3/1995	N	10.51	6.76	
COM63B1	7/10/1995	N	8.76	8.51	
COM63B1	10/3/1995	N	8.37	8.9	
COM63B1	11/8/1995	N	8.11	9.16	
COM63B1	4/1/1996	N	9.4	7.87	
COM63B1	10/7/1996	N	8.21	9.06	
COM63B1	4/7/1997	N	8.8	8.47	
COM63B1	10/13/1997	N	6.18	9.48	
COM63B1	4/13/1998	N	8.39	7.27	
COM63B1	10/6/1998	N	6.76	8.9	
COM63B1	5/7/1999	N	7.22	8.44	
COM63B1	10/11/1999	N	6.62	9.04	
COM63B1	4/10/2000	N	7.49	8.17	
COM63B1	10/9/2000	N	6.43	9.23	
COM63B1	4/9/2001	N	7.49	8.17	
COM63B1	10/8/2001	N	7.71	7.95	15.66
COM63B1	10/11/2002	N	6.79	8.87	15.66
COM63B1	10/9/2003	N	7.08	8.58	15.66
COM63B1	10/4/2004	N	6.91	8.75	15.66
COM63B1	10/11/2005	N	7.03	8.63	15.66
COM63B2	7/6/1992	N	9.84	7.52	
COM63B2	10/5/1992	N	9.21	8.15	
COM63B2	1/4/1993	N	10.72	6.64	
COM63B2	4/5/1993	N	11.91	5.45	
COM63B2	7/6/1993	N	10.48	6.88	
COM63B2	10/4/1993	N	9.45	7.91	
COM63B2	1/3/1994	N	10.24	7.12	
COM63B2	4/4/1994	N	10.78	6.58	
COM63B2	7/5/1994	N	9.48	7.88	
COM63B2	10/3/1994	N	10.07	7.29	
COM63B2	1/3/1995	N	10.77	6.59	
COM63B2	4/3/1995	N	12.9	4.46	
COM63B2	7/10/1995	N	11.4	5.96	
COM63B2	10/3/1995	N	10.95	6.41	
COM63B2	11/8/1995	N	10.71	6.65	
COM63B2	4/1/1996	N	12.24	5.12	
COM63B2	10/7/1996	N	10.76	6.6	
COM63B2	4/7/1997	N	11.84	5.52	
COM63B2	10/13/1997	N	9.04	6.67	
COM63B2	4/13/1998	N	11.49	4.22	
COM63B2	10/6/1998	N	9.71	6	
COM63B2	5/7/1999	N	10.49	5.22	
COM63B2	10/11/1999	N	9.65	6.06	
COM63B2	4/10/2000	N	10.79	4.92	
COM63B2	10/9/2000	N	9.55	6.16	
COM63B2	4/9/2001	N	10.79	4.92	

Notes:

All values are in feet.

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM63B2	10/8/2001	N	9.88	5.83	15.71
COM63B2	10/11/2002	N	9.96	5.75	15.71
COM63B2	10/9/2003	N	10.2	5.51	15.71
COM63B2	10/4/2004	N	10.07	5.64	15.71
COM63B2	10/11/2005	N	10.38	5.33	15.71
COM64B1	7/6/1992	N	6.17	8.08	
COM64B1	10/5/1992	N	5.53	8.72	
COM64B1	1/4/1993	N	7.32	6.93	
COM64B1	4/5/1993	N	8.68	5.57	
COM64B1	7/6/1993	N	6.63	7.62	
COM64B1	10/4/1993	N	5.79	8.46	
COM64B1	1/3/1994	N	6.43	7.82	
COM64B1	4/4/1994	N	6.87	7.38	
COM64B1	7/5/1994	N	6.51	7.74	
COM64B1	10/3/1994	N	5.97	8.28	
COM64B1	1/3/1995	N	6.7	7.55	
COM64B1	4/3/1995	N	9.57	4.68	
COM64B1	7/10/1995	N	7.19	7.06	
COM64B1	10/3/1995	N	6.45	7.8	
COM64B1	11/8/1995	N	6.3	7.95	
COM64B1	4/1/1996	N	8.07	6.18	
COM64B1	10/7/1996	N	6.25	8	
COM64B1	4/7/1997	N	7.97	6.28	
COM64B1	10/13/1997	N	14.58	8.02	
COM64B1	4/13/1998	N	7.27	5.33	
COM64B1	10/6/1998	N	5.07	7.53	
COM64B1	5/7/1999	N	15.86	6.74	
COM64B1	10/11/1999	N	14.83	7.77	
COM64B1	4/10/2000	N	17.34	5.26	
COM64B1	10/9/2000	N	14.75	7.85	
COM64B1	4/9/2001	N	16.03	6.57	
COM64B1	10/8/2001	N	14.88	7.72	22.6
COM64B1	10/11/2002	N	14.88	7.72	22.6
COM64B1	10/9/2003	N	15.18	7.42	22.6
COM64B1	10/4/2004	N	14.95	7.65	22.6
COM64B1	10/11/2005	N	15.27	7.33	22.6
COM65B2	7/6/1992	N	5.86	8.27	
COM65B2	10/5/1992	N	5.39	8.74	
COM65B2	1/4/1993	N	6.9	7.23	
COM65B2	4/5/1993	N	7.43	6.7	
COM65B2	7/6/1993	N	6.21	7.92	
COM65B2	10/4/1993	N	5.67	8.46	
COM65B2	1/3/1994	N	5.95	8.18	
COM65B2	4/4/1994	N	6.32	7.81	
COM65B2	7/5/1994	N	6.09	8.04	
COM65B2	10/3/1994	N	5.76	8.37	
COM65B2	1/3/1995	N	6.61	7.52	
COM65B2	4/3/1995	N	8.05	6.08	
COM65B2	7/10/1995	N	6.64	7.49	
COM65B2	10/3/1995	N	6.09	8.04	
COM65B2	11/8/1995	N	6.04	8.09	
COM65B2	4/1/1996	N	7.23	6.9	
COM65B2	10/7/1996	N	5.97	8.16	

Notes:

All values are in feet.

Locus TECHNOLOGIES

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
PHILIPS SEMICONDUCTORS
OFFSITE OPERABLE UNIT, SUNNYVALE, CALIFORNIA

Location ID	Date	Dry	Groundwater Elevation	Depth To Groundwater	Reference Elevation
COM65B2	4/7/1997	N	6.67	7.46	
COM65B2	10/13/1997	N	4.33	8.17	
COM65B2	4/13/1998	N	6.01	6.49	
COM65B2	10/6/1998	N	4.75	7.75	
COM65B2	5/7/1999	N	5.2	7.3	
COM65B2	10/11/1999	N	4.6	7.9	
COM65B2	4/10/2000	N	5.4	7.1	
COM65B2	10/9/2000	N	4.49	8.01	
COM65B2	4/9/2001	N	5.35	7.15	
COM65B2	10/8/2001	N	4.54	7.96	12.5
COM65B2	10/11/2002	N	4.68	7.82	12.5
COM65B2	10/9/2003	N	4.95	7.55	12.5
COM65B2	10/4/2004	N	4.8	7.7	12.5
COM65B2	10/11/2005	N	5.02	7.48	12.5

Notes:

All values are in feet.

Locus TECHNOLOGIES

APPENDIX B

HISTORICAL GROUNDWATER ANALYTICAL RESULTS

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM01A	6-Apr-87	REG	20	2.8	2.6	0.5	0.5	0.5	NT	NT	0.5	0.5	25	600	0.5
COM01A	9-Jul-87	REG	9.4	50	20	50	50	50	NT	NT	50	50	50	1200	50
COM01A	6-Oct-87	REG	12	3.3	4.0	0.5	0.5	4.8	NT	27	0.5	0.5	22	460	0.5
COM01A	11-Dec-87	REG	10	2.8	3.3	0.5	0.5	4.3	NT	33	0.5	0.5	22	270	0.5
COM01A	6-Apr-88	REG	12	10	10	10	10	10	NT	20	10	10	10	1100	10
COM01A	6-Oct-88	REG	5.7	2.9	0.5	0.5	0.5	0.5	NT	15	0.5	0.5	16	430	1.0
COM01A	6-Oct-88	REG	5.7	0.5	0.5	0.5	0.5	0.5	NT	14	0.5	0.5	15	500	1.0
COM01A	20-Dec-88	REG	9.8	2.3	3.0	0.5	0.5	19	28	9.1	0.5	0.5	0.5	1100	1.0
COM01A	7-Mar-89	REG	3.0	5.0	3.0	10	3.0	11	NT	28	10	2.0	NT	770	3.0
COM01A	6-Apr-89	REG	12	10	10	10	10	10	NT	20	10	10	10	1100	10
COM01A	7-Apr-89	REG	15	20	15	50	15	10	NT	50	50	10	NT	1100	15
COM01A	24-Jun-89	REG	10	5.0	5.0	5.0	5.0	5.0	NT	21	5.0	5.0	22	1000	10
COM01A	17-Aug-89	REG	15	5.0	5.0	50	5.0	10	NT	50	50	10	NT	700	15
COM01A	17-Aug-89	REG	5.0	20	15	50	15	10	NT	50	50	5.0	NT	5.0	10
COM01A	17-Aug-89	REG	15	20	15	NT	15	5.0	NT	5.0	10	10	NT	730	15
COM01A	1-Oct-89	REG	5.3	0.4	2.1	1.0	0.3	9.6	NT	17	1.0	2.0	NT	460	0.3
COM01A	1-Jan-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	500	30
COM01A	1-Jan-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	460	30
COM01A	1-Apr-90	REG	8.9	8.0	6.0	20	6.0	11	NT	20	100	4.0	NT	440	6.0
COM01A	1-Jul-90	REG	6.0	8.0	6.0	20	6.0	12	NT	20	100	4.0	NT	590	6.0
COM01A	12-Oct-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	350	30
COM01A	12-Oct-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	320	30
COM01A	8-Jan-91	REG	3.0	4.0	3.0	10	3.0	3.5	NT	10	50	2.0	NT	230	3.0
COM01A	8-Jan-91	REG	3.0	4.0	3.0	10	3.0	4.7	NT	10	50	2.0	NT	140	3.0
COM01A	9-Apr-91	REG	3.0	4.0	3.0	10	3.0	2.0	NT	10	50	2.0	NT	220	3.0
COM01A	9-Jul-91	REG	6.0	8.0	6.0	20	6.0	5.1	NT	20	100	4.0	NT	580	7.0
COM01A	9-Jul-91	REG	6.0	8.0	6.0	10	6.0	4.0	NT	20	100	4.0	NT	370	12
COM01A	8-Oct-91	REG	12	8.0	12	40	6.0	8.0	NT	40	200	8.0	NT	470	12
COM01A	8-Oct-91	REG	6.0	16	6.0	20	12	4.0	NT	20	100	4.0	NT	480	6.0
COM01A	7-Jan-92	REG	15	20	15	50	15	5.0	NT	50	250	10	NT	480	15
COM01A	13-Apr-92	REG	15	20	15	50	15	10	NT	50	43	10	NT	390	25
COM01A	9-Jul-92	REG	15	20	15	50	15	10	NT	50	39	10	NT	300	15
COM01A	7-Oct-92	REG	2.5	2.5	2.5	2.5	2.5	2.5	3.5	2.5	2.5	2.5	2.5	240	2.5
COM01A	7-Jan-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	160	2.5
COM01A	8-Apr-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	170	5.0
COM01A	6-Apr-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	5.3	2.5	2.5	2.5	2.5	230	2.5
COM01A	5-Apr-95	REG	5.0	5.0	5.1	5.0	5.0	5.0	5.0	10	5.0	5.0	5.0	76	10
COM01A	5-Apr-95	REG	5.0	5.0	5.2	5.0	5.0	5.0	5.0	10	5.0	5.0	5.0	81	10
COM01A	2-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	5.7	2.5	5.0	2.5	2.5	120	2.5
COM01A	2-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	7.6	2.5	5.0	2.5	2.5	120	2.5
COM01A	15-Apr-97	REG	2.5	0.5	0.5	0.5	2.5	1.6	5.3	2.5	1.0	0.5	2.5	110	2.5
COM01A	15-Apr-97	REG	0.5	2.5	2.5	2.5	0.5	2.5	3.5	0.5	5.0	2.5	0.5	89	0.5
COM01A	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	2.2	7.4	1.0	5.0	0.5	0.5	75	3.3
COM01A	23-Nov-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	2.3	5.0	2.0	0.5	0.5	130	0.5
COM01A	11-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	1.4	3.5	0.5	5.0	0.5	0.5	79	0.5
COM01A	21-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	1.5	4.6	5.0	5.0	0.5	0.5	110	0.6
COM01A	16-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	1.3	2.9	5.0	5.0	0.5	0.5	100	0.5
COM01A	11-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	1.4	3.6	5.0	5.0	0.5	0.5	130	0.5
COM01A	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	1.0	4.2	5.0	5.0	0.5	0.5	100	1.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM01A	25-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	1.1	2.5	5.0	5.0	0.5	0.5	110	0.9
COM01A	5-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	1.0	3.5	5.0	5.0	0.5	0.5	130	2.0
COM01A	20-Oct-04	REG	0.7	0.7	0.7	0.7	0.7	1.1	3.9	7.1	7.1	0.7	0.7	110	0.7
COM01A	21-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	1.4	5.5	5.0	5.0	0.5	0.5	95	1.9
COM01B1	7-Apr-87	REG	140	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	2200	0.5
COM01B1	10-Jul-87	REG	50	50	20	50	50	5.1	NT	NT	50	50	50	200	50
COM01B1	7-Oct-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	7.3	0.5	0.5	0.5	56	0.5
COM01B1	15-Dec-87	REG	0.5	2.3	1.8	0.5	0.5	1.1	NT	18	0.5	0.5	5.6	99	0.5
COM01B1	4-Oct-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	15	0.5	0.5	0.5	62	1.0
COM01B1	27-Dec-88	REG	7.7	3.0	0.5	0.5	0.5	0.5	9.4	43	0.5	0.5	0.5	330	1.0
COM01B1	7-Mar-89	REG	7.3	6.4	4.1	10	3.0	3.9	NT	46	10	2.0	NT	150	3.0
COM01B1	14-Apr-89	REG	3.9	2.1	5.4	1.0	0.3	3.1	NT	21	1.0	0.2	NT	180	0.3
COM01B1	1-Oct-89	REG	2.3	0.4	0.9	1.0	0.3	1.1	NT	14	1.0	0.2	NT	250	0.3
COM01B1	1-Jan-90	REG	7.5	10	7.5	25	7.5	5.0	NT	25	125	5.0	NT	190	7.5
COM01B1	1-Apr-90	REG	4.2	4.0	7.8	10	3.0	2.0	NT	10	50	2.0	NT	160	3.0
COM01B1	1-Jul-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	20	100	4.0	NT	170	6.0
COM01B1	15-Oct-90	REG	3.7	2.0	2.5	5.0	1.5	2.6	NT	5.6	25	1.0	NT	190	1.5
COM01B1	9-Jan-91	REG	5.4	4.0	5.8	10	3.0	2.0	NT	6.6	50	2.0	NT	81	3.0
COM01B1	12-Apr-91	REG	25	25	25	NT	25	25	NT	25	50	25	NT	270	50
COM01B1	12-Apr-91	REG	25	25	25	NT	25	25	NT	25	50	25	NT	270	50
COM01B1	9-Jul-91	REG	6.0	8.0	6.0	20	6.0	4.0	NT	20	100	4.0	NT	380	6.0
COM01B1	4-Oct-91	REG	3.0	4.0	3.0	10	3.0	2.0	3.0	13	50	2.0	NT	290	3.0
COM01B1	7-Jan-92	REG	15	20	15	50	15	10	NT	10	250	10	NT	360	15
COM01B1	13-Apr-92	REG	15	20	15	50	15	10	NT	50	38	10	NT	340	25
COM01B1	8-Jul-92	REG	15	20	15	50	15	10	NT	11	28	10	NT	260	15
COM01B1	7-Oct-92	REG	5.0	5.0	5.0	5.0	5.0	5.0	15	8.0	5.0	5.0	5.0	280	5.0
COM01B1	7-Jan-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	14	5.0	5.0	5.0	5.0	280	5.0
COM01B1	13-Apr-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	17	20	5.0	5.0	5.0	270	5.0
COM01B1	9-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	17	22	5.0	5.0	5.0	290	5.0
COM01B1	5-Oct-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	69	5.0	5.0	5.0	430	5.0
COM01B1	5-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	18	6.2	5.0	5.0	5.0	280	5.0
COM01B1	5-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	16	10	5.0	5.0	5.0	280	5.0
COM01B1	7-Jul-94	REG	1.4	1.0	1.2	1.0	1.0	1.0	17	6.1	1.0	1.0	1.0	290	1.0
COM01B1	4-Oct-94	REG	5.8	5.0	5.0	5.0	5.0	5.0	17	7.2	5.0	5.0	5.0	280	5.0
COM01B1	6-Jan-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	20	6.7	5.0	5.0	5.0	250	5.0
COM01B1	6-Jan-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	19	7.1	5.0	5.0	5.0	250	5.0
COM01B1	5-Apr-95	REG	5.0	5.0	6.6	5.0	5.0	5.0	12	10	5.0	5.0	6.3	204	10
COM01B1	12-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	12	10	5.0	5.0	5.0	190	10
COM01B1	12-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	13	10	5.0	5.0	5.0	210	10
COM01B1	2-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	21	5.0	11	5.0	5.0	240	5.0
COM01B1	9-Oct-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	23	5.0	10	5.0	5.0	200	5.0
COM01B1	8-Apr-97	REG	5.0	5.0	5.0	5.0	5.0	5.0	19	5.0	10	5.0	5.0	210	5.0
COM01B1	14-Oct-97	REG	0.8	0.5	1.8	0.5	0.5	1.6	27	4.2	5.0	0.5	0.5	250	0.5
COM01B1	9-Oct-98	REG	1.0	0.7	2.0	1.0	0.5	2.1	37	5.0	2.0	0.5	0.5	260	0.5
COM01B1	20-Sep-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	19	1.4	5.0	0.5	0.5	280	0.5
COM01B1	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	16	5.0	2.0	0.5	0.5	190	0.5
COM01B1	14-Feb-00	REG	0.7	0.6	0.9	1.0	0.5	0.9	25	3.4	5.0	0.5	0.5	220	0.7
COM01B1	24-Apr-00	REG	0.7	0.7	1.2	0.7	0.7	0.7	19	7.1	7.1	0.7	0.7	180	0.9

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM01B1	24-Jul-00	REG	1.0	1.0	1.0	1.0	1.0	1.0	26	10	10	1.0	1.4	220	1.0
COM01B1	4-Oct-00	REG	0.7	0.7	1.0	0.7	0.7	0.7	25	7.1	7.1	0.7	0.7	190	0.7
COM01B1	23-Jan-01	REG	0.7	0.8	1.2	0.7	0.7	0.7	25	7.1	7.1	0.7	0.7	200	0.7
COM01B1	4-Apr-01	REG	0.7	0.9	1.0	0.7	0.7	0.7	19	7.1	7.1	0.7	0.7	170	0.9
COM01B1	30-Jul-01	REG	0.8	0.7	1.2	0.5	0.5	0.6	26	5.0	5.0	0.5	0.5	160	1.0
COM01B1	3-Oct-01	REG	0.7	0.7	0.7	0.7	0.7	0.7	27	7.1	7.1	0.7	1.3	200	1.1
COM01B1	18-Apr-02	REG	0.7	0.7	1.1	0.7	0.7	0.7	29	7.1	7.1	0.7	0.7	200	0.7
COM01B1	2-Oct-02	REG	0.7	0.7	0.8	0.7	0.7	0.7	31	7.1	7.1	0.7	1.3	220	0.7
COM01B1	7-Apr-03	REG	0.7	0.8	1.5	0.7	0.7	0.7	39	7.1	7.1	0.7	0.7	220	1.0
COM01B1	31-Oct-03	REG	1.3	0.8	1.0	0.8	0.8	0.8	29	8.3	8.3	0.8	0.8	180	0.8
COM01B1	28-Apr-04	REG	0.7	0.8	1.3	0.5	0.5	0.5	38	5.0	5.0	0.5	0.5	180	0.9
COM01B1	20-Oct-04	REG	1.7	1.7	2.9	1.7	1.7	1.7	33	17	17	1.7	1.7	170	1.7
COM01B1	5-Apr-05	REG	1.3	1.3	1.3	1.3	1.3	1.3	33	13	13	1.3	1.3	170	1.3
COM01B1	20-Oct-05	REG	0.6	1.0	1.6	0.5	0.5	0.6	41	5.0	5.0	0.5	0.6	160	0.8
COM01B2	7-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	3800	0.5
COM01B2	7-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	3800	0.5
COM01B2	10-Jul-87	REG	50	50	20	50	50	50	NT	NT	50	50	50	2400	50
COM01B2	7-Oct-87	REG	1.7	0.5	0.2	0.5	0.5	0.5	NT	82	0.5	0.5	1.0	1700	0.5
COM01B2	16-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	190	0.5	0.5	0.5	890	0.5
COM01B2	4-Oct-88	REG	5.0	5.0	970	5.0	5.0	5.0	NT	5.0	5.0	5.0	5.0	5600	10
COM01B2	27-Dec-88	REG	28	0.5	13	0.5	0.5	0.4	1.6	440	0.5	0.5	0.5	3700	1.0
COM01B2	7-Mar-89	REG	33	4.0	18	10	3.0	2.0	NT	840	10	2.0	NT	3800	3.0
COM01B2	7-Mar-89	REG	41	4.0	26	10	3.0	2.0	NT	830	10	2.0	NT	3000	3.0
COM01B2	14-Apr-89	REG	30	40	30	100	30	20	NT	100	100	20	NT	2600	30
COM01B2	15-Aug-89	REG	30	40	30	100	30	20	NT	100	100	20	NT	2200	30
COM01B2	1-Oct-89	REG	30	40	60	200	30	40	NT	230	200	40	NT	2500	60
COM01B2	1-Oct-89	REG	60	80	30	100	60	20	NT	260	100	20	NT	2000	30
COM01B2	1-Jan-90	REG	75	100	75	250	75	50	NT	250	1250	50	NT	1400	75
COM01B2	1-Apr-90	REG	14	8.0	14	20	6.0	4.0	NT	180	100	4.0	NT	1100	6.0
COM01B2	1-Apr-90	REG	15	8.0	12	20	6.0	4.0	NT	130	100	4.0	NT	1000	6.0
COM01B2	1-Jul-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	1200	30
COM01B2	15-Oct-90	REG	75	100	75	250	75	50	NT	250	1250	50	NT	1300	75
COM01B2	9-Jan-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	1300	30
COM01B2	12-Apr-91	REG	25	25	25	NT	25	25	NT	130	50	25	NT	25	50
COM01B2	9-Jul-91	REG	30	40	30	100	30	20	NT	120	500	20	NT	1800	30
COM01B2	4-Oct-91	REG	30	40	30	100	30	20	30	130	500	20	NT	1600	30
COM01B2	7-Jan-92	REG	30	40	30	100	30	20	NT	82	500	20	NT	1600	30
COM01B2	13-Apr-92	REG	60	80	60	200	60	40	NT	70	190	40	NT	1300	100
COM01B2	13-Apr-92	REG	60	80	60	200	60	40	NT	73	140	40	NT	1400	100
COM01B2	8-Jul-92	REG	60	80	60	200	60	40	NT	98	110	40	NT	1300	60
COM01B2	7-Oct-92	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	140	5.0	5.0	5.0	1200	5.0
COM01B2	7-Jan-93	REG	12	12	12	12	12	12	12	62	12	12	12	920	12
COM01B2	7-Jan-93	REG	12	12	12	12	12	12	12	70	12	12	12	960	12
COM01B2	13-Apr-93	REG	10	10	10	10	10	10	10	40	10	10	10	470	10
COM01B2	9-Jul-93	REG	10	10	10	10	10	10	10	99	10	10	10	640	10
COM01B2	5-Oct-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	64	5.0	5.0	5.0	430	5.0
COM01B2	5-Jan-94	REG	10	10	10	10	10	10	10	59	10	10	10	730	10
COM01B2	6-Apr-94	REG	10	10	10	10	10	10	10	98	10	10	10	980	10

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM01B2	7-Jul-94	REG	10	10	10	10	10	10	10	48	10	10	10	1200	10
COM01B2	5-Oct-94	REG	5.0	10	10	5.0	10	10	5.0	54	10	5.0	5.0	660	5.0
COM01B2	5-Oct-94	REG	10	5.0	5.0	10	5.0	5.0	10	59	5.0	10	10	690	10
COM01B2	6-Jan-95	REG	20	20	20	20	20	20	20	61	20	20	20	830	20
COM01B2	5-Apr-95	REG	10	10	14	10	10	10	10	52	10	10	10	330	20
COM01B2	5-Apr-95	REG	10	10	14	10	10	10	10	49	10	10	10	330	20
COM01B2	12-Oct-95	REG	10	10	10	10	10	10	10	54	10	10	10	360	20
COM01B2	2-Apr-96	REG	10	10	10	10	10	10	10	46	24	10	10	580	10
COM01B2	2-Apr-96	REG	10	10	10	10	10	10	10	44	20	10	10	600	10
COM01B2	9-Oct-96	REG	10	10	10	10	10	10	10	32	20	10	10	470	10
COM01B2	9-Oct-96	REG	10	10	10	10	10	10	10	32	20	10	10	510	10
COM01B2	8-Apr-97	REG	10	10	10	10	10	10	10	10	20	10	10	430	10
COM01B2	8-Apr-97	REG	10	10	10	10	10	10	10	10	20	10	10	420	10
COM01B2	14-Oct-97	REG	0.5	0.5	3.2	0.5	0.5	0.5	5.0	51	5.0	0.5	0.5	490	0.5
COM01B2	9-Oct-98	REG	1.0	0.5	3.0	1.0	0.5	0.5	5.7	30	2.0	0.5	0.5	410	0.5
COM01B2	20-Sep-99	REG	0.5	0.5	2.0	1.0	0.5	0.5	5.8	12	5.0	0.5	0.5	200	0.5
COM01B2	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	3.8	5.0	2.0	0.5	0.5	390	0.5
COM01B2	14-Feb-00	REG	0.5	0.5	1.4	1.0	0.5	0.5	5.1	24	5.0	0.5	0.5	420	0.5
COM01B2	24-Apr-00	REG	1.3	1.3	1.9	1.3	1.3	1.3	4.6	23	13	1.3	1.3	340	1.3
COM01B2	24-Jul-00	REG	1.3	1.3	1.7	1.3	1.3	1.3	6.0	25	13	1.3	1.3	410	1.3
COM01B2	4-Oct-00	REG	1.0	1.0	1.6	1.0	1.0	1.0	4.8	19	10	1.0	1.0	340	1.0
COM01B2	23-Jan-01	REG	1.0	1.0	1.2	1.0	1.0	1.0	5.4	20	10	1.0	1.0	360	1.0
COM01B2	4-Apr-01	REG	1.0	1.0	1.0	1.0	1.0	1.0	5.3	23	10	1.0	1.0	300	1.0
COM01B2	30-Jul-01	REG	1.0	1.0	1.0	1.0	1.0	1.0	5.0	20	10	1.0	1.0	300	1.0
COM01B2	3-Oct-01	REG	1.3	1.3	1.6	1.3	1.3	1.3	6.2	21	13	1.3	1.3	320	1.3
COM01B2	18-Apr-02	REG	1.3	1.3	1.4	1.3	1.3	1.3	5.3	21	13	1.3	1.3	350	1.3
COM01B2	2-Oct-02	REG	1.3	1.3	1.3	1.3	1.3	1.3	4.7	28	13	1.3	1.3	390	1.3
COM01B2	7-Apr-03	REG	1.3	1.3	1.5	1.3	1.3	1.3	5.9	26	13	1.3	1.3	360	1.3
COM01B2	31-Oct-03	REG	1.9	1.3	1.3	1.3	1.3	1.3	5.8	19	13	1.3	1.3	310	1.3
COM01B2	28-Apr-04	REG	1.0	1.0	1.0	1.0	1.0	1.0	5.7	19	10	1.0	1.0	300	1.0
COM01B2	20-Oct-04	REG	2.0	2.0	3.5	2.0	2.0	2.0	5.5	32	20	2.0	2.0	280	2.0
COM01B2	5-Apr-05	REG	2.0	2.0	2.0	2.0	2.0	2.0	5.3	20	20	2.0	2.0	290	2.0
COM01B2	20-Oct-05	REG	1.3	1.3	1.3	1.3	1.3	1.3	6.4	22	13	1.3	1.3	290	1.3
COM01B4	8-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM01B4	16-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM01B4	16-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM01B4	7-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM01B4	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM01B4	9-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM01B4	14-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM01B4	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM01B5	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM01B5	9-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM01B5	13-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.4	0.2	NT	0.5	0.5
COM01B5	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM01B5	6-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM01B5	5-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM01B5	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM01B5	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	19	0.5
COM01B5	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM01B5	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM01B5	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM01B5	15-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM01B5	21-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM01B5	18-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM01B5	13-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM01B5	12-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM01B5	25-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM01B5	31-Oct-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM01B5	28-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM01B5	28-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM02A	3-Apr-87	REG	0.9	0.6	0.6	0.5	0.5	0.5	NT	NT	0.5	0.5	2.3	27	0.5
COM02A	8-Jul-87	REG	0.5	0.7	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	2.2	16	0.5
COM02A	8-Jul-87	REG	0.5	0.7	0.2	0.5	0.5	0.7	NT	NT	0.6	1.4	2.0	14	0.5
COM02A	9-Dec-87	REG	1.0	0.5	0.5	0.5	0.5	0.5	NT	3.7	0.5	0.5	1.9	11	0.5
COM02A	20-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	6.1	0.5	0.5	0.5	2.7	1.0
COM02A	5-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	2.8	0.3
COM02A	24-Jun-89	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	9.0	1.0
COM02A	1-Oct-89	REG	1.4	0.4	0.6	1.0	0.3	0.2	NT	5.3	1.0	0.2	NT	6.5	0.3
COM02A	1-Apr-90	REG	0.4	0.4	0.3	1.0	0.3	0.2	NT	3.2	5.0	0.2	NT	0.5	0.3
COM02A	11-Oct-90	REG	0.6	0.4	0.3	1.0	0.3	0.2	NT	2.0	5.0	0.2	NT	0.5	0.3
COM02A	10-Apr-91	REG	0.4	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	8.6	0.3
COM02A	9-Oct-91	REG	0.7	0.4	0.3	1.0	0.3	0.4	0.3	3.0	5.0	0.2	NT	14	0.3
COM02A	8-Apr-92	REG	0.2	0.4	0.3	1.0	0.3	0.3	NT	0.5	9.4	0.2	NT	8.2	0.5
COM02A	7-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	7.9	0.5
COM02A	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	7.3	0.5
COM02A	5-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.3	0.5
COM02A	6-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	4.9	1.0
COM02A	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	5.9	0.5
COM02A	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	4.4	0.5
COM02A	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	3.9	0.5
COM02A	23-Nov-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	3.8	0.5
COM02A	11-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	4.5	0.5
COM02A	21-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	3.9	0.5
COM02A	16-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.5	0.5
COM02A	11-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	3.1	0.5
COM02A	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	3.7	0.5	5.0	5.0	0.5	0.5	5.4	0.5
COM02A	25-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.6	0.5
COM02A	4-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	3.0	0.5
COM02A	20-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	2.7	0.5
COM02A	21-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.9	5.0	5.0	0.5	0.5	3.3	0.5
COM02B1	8-Jul-87	REG	0.9	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	6.5	0.5
COM02B1	14-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM02B1	5-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM02B1	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	1.0	0.3
COM02B1	15-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	2.4	0.3
COM02B1	8-Apr-92	REG	0.3	0.1	0.3	1.0	0.3	0.2	NT	1.0	0.2	0.2	NT	11	0.5
COM02B1	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	19	0.5
COM02B1	5-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.4	0.5	0.5	0.5	18	0.5
COM02B1	6-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	21	1.0
COM02B1	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	1.0	0.5	0.5	11	0.5
COM02B1	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	19	0.5
COM02B1	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	10	0.5
COM02B1	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.8	5.0	2.0	0.5	0.5	15	0.5
COM02B1	22-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM02B1	26-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	5.0	5.0	0.5	0.5	8.6	0.5
COM02B1	21-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	5.0	5.0	0.5	0.5	9.7	0.5
COM02B1	17-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	5.0	5.0	0.5	0.5	10	0.5
COM02B1	18-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	5.0	5.0	0.5	0.5	8.3	0.5
COM02B1	4-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	5.0	5.0	0.5	0.5	7.9	0.5
COM02B1	10-Nov-03	REG	0.7	0.5	0.5	0.5	0.5	0.5	1.0	5.0	5.0	0.5	0.5	14	0.5
COM02B1	1-Nov-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	7.1	0.5
COM02B1	26-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	5.0	5.0	0.5	0.5	7.5	0.5
COM02B2	8-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM02B2	8-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM02B2	17-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM02B2	5-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM02B2	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM02B2	15-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM02B2	8-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.2	0.2	NT	0.5	0.5
COM02B2	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM03A	6-Apr-87	REG	24	0.5	3.1	0.5	0.5	0.5	NT	NT	0.5	11	82	620	0.5
COM03A	10-Jul-87	REG	8.8	50	20	50	50	50	NT	NT	50	50	50	350	50
COM03A	11-Dec-87	REG	11	0.5	0.5	0.5	0.5	4.9	NT	23	0.5	0.5	7.8	0.5	0.5
COM03A	20-Dec-88	REG	18	4.3	10	0.5	0.5	9.8	19	14	0.5	0.5	0.5	41	1.0
COM03A	6-Apr-89	REG	8.1	2.7	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	110	0.3
COM03A	24-Jun-89	REG	11	0.5	0.5	0.5	0.5	0.5	NT	14	0.5	0.5	7.0	60	1.0
COM03A	1-Oct-89	REG	9.3	2.8	3.0	1.0	0.3	4.1	NT	5.0	1.0	0.2	NT	63	0.3
COM03A	1-Apr-90	REG	4.0	2.0	6.1	5.0	1.5	3.8	NT	5.0	25	1.0	NT	39	1.5
COM03A	15-Oct-90	REG	3.6	2.0	1.5	5.0	1.5	2.9	NT	5.0	25	1.0	NT	38	1.5
COM03A	15-Oct-90	REG	2.8	2.0	1.5	5.0	1.5	3.0	NT	5.0	25	1.0	NT	28	1.5
COM03A	10-Apr-91	REG	4.5	1.7	0.7	1.0	0.3	1.9	NT	1.0	5.0	0.2	NT	39	0.3
COM03A	10-Apr-91	REG	4.9	1.7	0.8	1.0	0.3	1.6	NT	1.0	5.0	0.2	NT	40	0.3
COM03A	8-Oct-91	REG	2.6	2.0	1.5	5.0	1.5	2.8	NT	5.0	25	1.0	NT	110	1.5
COM03A	7-Apr-92	REG	3.5	1.1	3.0	10	3.0	6.3	NT	10	2.2	2.0	NT	61	5.0
COM03A	7-Oct-92	REG	3.4	1.0	1.0	1.0	1.0	4.0	7.0	1.0	1.0	1.0	1.0	90	1.0
COM03A	8-Apr-93	REG	2.8	1.0	3.4	1.0	1.0	2.8	3.4	1.0	1.0	1.0	1.0	70	1.0
COM03A	8-Apr-93	REG	2.8	1.0	1.0	1.0	1.0	3.0	3.6	1.0	1.0	1.0	1.0	62	1.0
COM03A	6-Apr-94	REG	3.1	1.0	2.5	1.0	2.5	3.9	7.4	2.5	2.5	1.0	1.0	93	2.5
COM03A	6-Apr-94	REG	4.6	2.5	1.0	2.5	1.0	5.9	10	1.0	1.0	2.5	2.5	150	1.0
COM03A	5-Apr-95	REG	2.5	2.5	2.7	2.5	2.5	2.5	2.5	5.0	2.5	2.5	3.2	50	5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM03A	3-Apr-96	REG	1.0	1.0	1.0	1.0	1.0	1.7	2.0	1.0	2.0	1.0	1.0	51	1.0
COM03A	10-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	2.5	2.5	71	2.5
COM03A	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	1.3	1.8	1.0	5.0	0.5	0.5	140	0.5
COM03A	12-Oct-98	FD	1.0	0.5	2.0	1.0	0.5	1.4	2.2	5.0	2.0	0.5	0.5	110	0.5
COM03A	12-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	1.6	2.5	5.0	2.0	0.5	0.5	120	0.5
COM03A	11-Nov-99	REG	0.6	0.5	0.5	1.0	0.5	1.5	4.3	1.6	5.0	0.5	0.5	170	0.5
COM03A	22-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	1.0	1.6	5.0	5.0	0.5	0.5	100	0.5
COM03A	16-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	1.0	2.7	5.0	5.0	0.5	0.5	150	0.5
COM03A	11-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.9	1.9	5.0	5.0	0.5	0.5	100	0.5
COM03A	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.7	1.6	5.0	5.0	0.5	0.5	110	0.5
COM03A	25-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	1.1	2.6	5.0	5.0	0.5	0.5	130	0.5
COM03A	5-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	1.2	2.9	5.0	5.0	0.5	0.5	130	0.5
COM03A	20-Oct-04	REG	8.3	8.3	8.3	8.3	8.3	11	42	83	83	8.3	8.3	1300	8.3
COM03A	21-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	1.4	4.3	5.0	5.0	0.5	0.5	120	0.5
COM03B1	3-Apr-87	REG	82	1.4	11	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	120	0.5
COM03B1	10-Jul-87	REG	23	50	20	50	50	50	NT	NT	50	50	50	220	50
COM03B1	8-Oct-87	REG	18	0.8	6.1	0.5	0.5	0.5	NT	52	0.5	0.5	0.5	22	0.5
COM03B1	11-Dec-87	REG	34	0.5	5.7	0.5	0.5	0.5	NT	340	0.5	0.5	0.5	110	0.5
COM03B1	11-Dec-87	REG	34	0.5	6.6	0.5	0.5	0.5	NT	340	0.5	0.5	0.5	110	0.5
COM03B1	4-Oct-88	REG	56	0.5	16	0.5	0.5	0.5	NT	280	0.5	0.5	0.5	170	1.0
COM03B1	27-Dec-88	REG	71	0.5	48	0.5	0.5	0.5	NT	750	0.5	0.5	0.5	680	1.0
COM03B1	7-Mar-89	REG	36	4.0	32	10	3.0	2.0	NT	610	10	2.0	NT	1200	3.0
COM03B1	4-Apr-89	REG	18	4.0	11	5.0	3.0	2.0	NT	210	10	2.0	NT	1200	1.5
COM03B1	4-Apr-89	REG	9.0	2.0	24	10	1.5	1.0	NT	500	5.0	1.0	NT	650	3.0
COM03B1	15-Aug-89	REG	15	20	15	50	15	10	NT	71	50	10	NT	620	15
COM03B1	1-Oct-89	REG	39	10	24	25	7.5	5.0	NT	220	25	5.0	NT	1000	7.5
COM03B1	1-Oct-89	REG	40	10	22	25	7.5	5.0	NT	260	25	5.0	NT	880	7.5
COM03B1	1-Jan-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	110	100	4.0	NT	400	6.0
COM03B1	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	140	100	4.0	NT	550	6.0
COM03B1	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	170	100	4.0	NT	550	6.0
COM03B1	1-Jul-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	440	30
COM03B1	12-Oct-90	REG	5.0	2.0	1.5	5.0	1.5	1.0	NT	86	25	1.0	NT	530	1.5
COM03B1	10-Apr-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	470	30
COM03B1	9-Jul-91	REG	60	80	60	200	60	40	NT	200	1000	40	NT	390	60
COM03B1	4-Oct-91	REG	6.0	8.0	6.0	20	6.0	4.0	6.0	140	100	4.0	NT	500	6.0
COM03B1	8-Jan-92	REG	7.1	20	15	50	15	10	NT	64	250	10	NT	560	15
COM03B1	7-Apr-92	REG	15	20	15	50	15	10	NT	46	33	10	NT	460	25
COM03B1	9-Jul-92	REG	15	20	38	50	15	10	NT	55	60	10	NT	390	15
COM03B1	6-Oct-92	REG	3.3	0.5	6.7	0.5	0.5	0.5	0.5	46	0.5	0.5	0.5	300	0.5
COM03B1	8-Jan-93	REG	1.2	1.0	1.8	1.0	1.0	1.0	1.0	12	1.0	1.0	1.0	100	1.0
COM03B1	8-Jan-93	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12	1.0	1.0	1.0	100	1.0
COM03B1	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.8	0.5	0.5	0.5	20	0.5
COM03B1	8-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	7.8	0.5	0.5	0.5	32	0.5
COM03B1	5-Oct-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	29	4.2	2.5	2.5	48	2.5
COM03B1	5-Jan-94	REG	2.5	2.5	7.0	2.5	2.5	2.5	2.5	34	2.5	2.5	2.5	180	2.5
COM03B1	5-Apr-94	REG	2.8	2.5	2.5	2.5	2.5	2.5	2.5	36	2.8	2.5	2.5	200	2.5
COM03B1	7-Jul-94	REG	1.7	0.5	2.9	0.5	0.5	0.5	0.5	31	0.5	0.5	0.5	210	0.5
COM03B1	4-Oct-94	REG	3.4	2.5	2.5	2.5	2.5	2.5	2.5	27	2.5	2.5	2.5	180	2.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM03B1	6-Jan-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	15	5.0	5.0	5.0	75	5.0
COM03B1	5-Apr-95	REG	2.5	2.5	4.3	2.5	2.5	2.5	2.5	14	2.5	2.5	2.5	63	5.0
COM03B1	12-Oct-95	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	15	2.0	2.0	2.0	66	5.0
COM03B1	3-Apr-96	REG	1.0	1.0	1.5	1.0	1.0	1.0	1.0	13	2.0	1.0	1.0	48	1.0
COM03B1	9-Oct-96	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11	2.0	1.0	1.0	61	1.0
COM03B1	10-Apr-97	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.6	2.0	1.0	1.0	39	1.0
COM03B1	14-Oct-97	REG	0.5	0.5	3.6	0.5	0.5	0.5	0.5	4.6	5.0	0.5	0.5	53	0.5
COM03B1	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.7	5.0	2.0	0.5	0.5	46	0.5
COM03B1	17-Sep-99	REG	0.6	0.5	1.0	1.0	1.1	0.5	0.6	11	5.0	0.5	0.5	93	0.5
COM03B1	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.6	8.0	2.0	0.5	0.5	81	0.5
COM03B1	14-Feb-00	REG	0.5	0.5	0.7	1.0	0.5	0.5	0.7	6.9	5.0	0.5	0.5	62	0.5
COM03B1	24-Apr-00	REG	0.6	0.5	1.3	0.5	0.5	0.5	0.9	8.9	5.0	0.5	0.5	66	0.5
COM03B1	24-Jul-00	REG	0.7	0.6	1.4	0.5	0.5	0.5	1.0	10	5.0	0.5	0.5	87	0.5
COM03B1	5-Oct-00	REG	0.6	0.5	1.4	0.5	0.5	0.5	0.9	8.7	5.0	0.5	0.5	78	0.5
COM03B1	23-Jan-01	REG	0.6	0.6	1.7	0.5	0.5	0.5	0.9	11	5.0	0.5	0.5	96	0.5
COM03B1	5-Apr-01	REG	0.5	0.6	1.4	0.5	0.5	0.5	0.9	11	5.0	0.5	0.5	76	0.5
COM03B1	30-Jul-01	REG	0.6	0.5	1.2	0.5	0.5	0.5	0.7	9.4	5.0	0.5	0.5	88	0.5
COM03B1	4-Oct-01	REG	0.5	0.5	1.4	0.5	0.5	0.5	0.7	9.9	5.0	0.5	0.5	78	0.5
COM03B1	17-Apr-02	REG	0.7	0.5	1.4	0.5	0.5	0.5	0.8	10	5.0	0.5	0.5	87	0.5
COM03B1	1-Oct-02	REG	0.6	0.5	1.4	0.5	0.5	0.5	0.7	15	5.0	0.5	0.5	110	0.5
COM03B1	7-Apr-03	REG	0.6	0.6	1.7	0.5	0.5	0.5	1.0	15	5.0	0.5	0.5	110	0.5
COM03B1	31-Oct-03	REG	0.9	0.5	1.2	0.5	0.5	0.5	0.8	9.8	5.0	0.5	0.5	86	0.5
COM03B1	28-Apr-04	REG	0.5	0.5	0.7	0.5	0.5	0.5	0.7	7.1	5.0	0.5	0.5	63	0.5
COM03B1	20-Oct-04	REG	0.5	0.5	1.7	0.5	0.5	0.5	0.9	11	5.0	0.5	0.5	74	0.5
COM03B1	6-Apr-05	REG	0.5	0.6	0.8	0.5	0.5	0.5	0.8	8.2	5.0	0.5	0.5	62	0.5
COM03B1	21-Oct-05	REG	0.5	0.5	1.0	0.5	0.5	0.5	0.8	7.7	5.0	0.5	0.5	77	0.5
COM03B2	7-Apr-87	REG	40	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	1900	0.5
COM03B2	10-Jul-87	REG	20	50	20	50	50	50	NT	NT	50	50	50	4300	50
COM03B2	7-Oct-87	REG	62	2.4	27	0.5	0.5	0.5	NT	450	0.5	0.5	1.4	3400	0.5
COM03B2	16-Dec-87	REG	60	0.5	19	0.5	0.5	0.5	NT	270	0.5	0.5	0.5	1300	0.5
COM03B2	4-Oct-88	REG	110	5.0	68	5.0	5.0	5.0	NT	2000	5.0	5.0	5.0	6200	10
COM03B2	27-Dec-88	REG	43	0.5	14	0.5	0.5	0.8	1.7	1500	0.5	0.5	0.5	3600	1.0
COM03B2	27-Dec-88	REG	46	0.5	39	0.5	0.5	0.7	NT	1500	0.5	0.5	0.5	3700	1.0
COM03B2	7-Mar-89	REG	60	80	60	200	60	40	NT	620	200	40	NT	4400	60
COM03B2	4-Apr-89	REG	18	20	15	50	15	10	NT	350	50	10	NT	2600	15
COM03B2	4-Apr-89	REG	10	20	15	50	15	10	NT	550	50	10	NT	2600	15
COM03B2	15-Aug-89	REG	30	40	30	100	30	20	NT	220	100	20	NT	3800	30
COM03B2	1-Oct-89	REG	30	40	38	100	30	20	NT	420	100	20	NT	3900	30
COM03B2	1-Jan-90	REG	75	100	75	250	75	50	NT	250	1250	50	NT	2000	75
COM03B2	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	350	100	4.0	NT	4900	6.0
COM03B2	1-Jul-90	REG	30	40	30	100	30	20	NT	110	500	20	NT	2100	30
COM03B2	15-Oct-90	REG	75	100	75	250	75	65	NT	250	1250	50	NT	2400	75
COM03B2	9-Jan-91	REG	150	200	150	500	150	100	NT	500	2500	100	NT	990	150
COM03B2	10-Apr-91	REG	75	100	75	NT	75	50	NT	250	1250	50	NT	2500	75
COM03B2	9-Jul-91	REG	60	80	60	200	60	40	NT	200	1000	40	NT	360	60
COM03B2	4-Oct-91	REG	15	40	15	100	15	20	30	380	500	20	NT	2700	15
COM03B2	4-Oct-91	REG	30	20	30	50	30	10	15	360	250	10	NT	2800	30
COM03B2	8-Jan-92	REG	8.2	20	15	50	15	10	NT	180	250	10	NT	2800	15

Notes:
- ND - denotes result was below the detection limit
- NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM03B2	7-Apr-92	REG	60	80	60	200	60	40	NT	112	73	40	NT	2000	100
COM03B2	9-Jul-92	REG	60	80	60	200	60	40	NT	190	240	40	NT	1900	60
COM03B2	6-Oct-92	REG	9.0	5.0	11	5.0	5.0	5.0	5.0	200	5.0	5.0	5.0	1600	5.0
COM03B2	6-Oct-92	REG	7.0	5.0	10	5.0	5.0	5.0	5.0	170	5.0	5.0	5.0	1700	5.0
COM03B2	8-Jan-93	REG	25	25	25	25	25	25	25	130	25	25	25	1800	25
COM03B2	6-Apr-93	REG	25	25	25	25	25	25	25	130	25	25	25	1400	25
COM03B2	8-Jul-93	REG	10	10	10	10	10	10	10	160	10	10	10	940	10
COM03B2	5-Oct-93	REG	12	12	12	12	12	12	12	59	12	12	12	750	12
COM03B2	5-Jan-94	REG	10	10	10	10	10	10	10	100	10	10	10	580	10
COM03B2	5-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	110	13	5.0	5.0	550	5.0
COM03B2	7-Jul-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	27	2.5	2.5	2.5	210	2.5
COM03B2	4-Oct-94	REG	2.5	2.5	3.8	2.5	2.5	2.5	2.5	120	5.3	2.5	2.5	1200	2.5
COM03B2	6-Jan-95	REG	25	25	25	25	25	25	25	62	25	25	25	500	25
COM03B2	5-Apr-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	66	5.0	5.0	5.0	480	10
COM03B2	12-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	90	5.0	5.0	5.0	530	10
COM03B2	3-Apr-96	REG	10	10	10	10	10	10	10	59	20	10	10	420	10
COM03B2	9-Oct-96	REG	10	10	10	10	10	10	10	41	20	10	10	330	10
COM03B2	10-Apr-97	REG	10	10	10	10	10	10	10	41	20	10	10	310	10
COM03B2	14-Oct-97	REG	0.5	0.5	2.2	0.5	0.5	0.5	0.5	73	5.0	0.5	0.5	450	0.5
COM03B2	14-Oct-97	REG	0.5	0.5	2.2	0.5	0.5	0.5	0.5	50	5.0	0.5	0.5	360	0.5
COM03B2	8-Oct-98	REG	1.0	0.7	3.0	1.0	0.5	0.5	0.5	38	2.0	0.5	0.5	160	0.5
COM03B2	17-Sep-99	REG	0.5	0.5	1.3	1.0	2.0	0.5	0.5	35	5.0	0.5	0.5	210	0.5
COM03B2	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	25	2.0	0.5	0.5	170	0.5
COM03B2	14-Feb-00	REG	0.5	0.5	1.1	1.0	0.5	0.5	0.5	23	5.0	0.5	0.5	150	0.5
COM03B2	24-Apr-00	REG	0.5	0.7	1.4	0.5	0.5	0.5	0.5	31	5.0	0.5	0.5	160	0.5
COM03B2	24-Jul-00	REG	0.5	0.9	1.5	0.5	0.5	0.5	0.5	34	5.0	0.5	0.5	180	0.5
COM03B2	5-Oct-00	REG	0.5	0.7	1.3	0.5	0.5	0.5	0.5	25	5.0	0.5	0.5	170	0.5
COM03B2	23-Jan-01	REG	0.5	0.7	1.3	0.5	0.5	0.5	0.5	28	5.0	0.5	0.5	200	0.5
COM03B2	5-Apr-01	REG	0.7	0.7	0.7	0.7	0.7	0.7	0.7	26	7.1	0.7	0.7	150	0.7
COM03B2	30-Jul-01	REG	0.5	0.7	1.1	0.5	0.5	0.5	0.5	27	5.0	0.5	0.5	190	0.5
COM03B2	4-Oct-01	REG	0.6	0.7	1.0	0.5	0.5	0.5	0.5	24	5.0	0.5	0.5	130	0.5
COM03B2	17-Apr-02	REG	0.7	0.7	0.7	0.7	0.7	0.7	0.7	26	7.1	0.7	0.7	180	0.7
COM03B2	1-Oct-02	REG	0.8	0.8	0.8	0.8	0.8	0.8	0.8	28	8.3	0.8	0.8	230	0.8
COM03B2	7-Apr-03	REG	0.8	0.8	1.5	0.8	0.8	0.8	0.8	32	8.3	0.8	0.8	250	0.8
COM03B2	31-Oct-03	REG	1.2	0.8	0.9	0.8	0.8	0.8	0.8	22	8.3	0.8	0.8	210	0.8
COM03B2	28-Apr-04	REG	0.7	0.7	0.9	0.7	0.7	0.7	0.7	22	7.1	0.7	0.7	180	0.7
COM03B2	20-Oct-04	REG	0.5	0.7	2.1	0.5	0.5	0.5	0.5	36	5.0	0.5	0.5	180	0.5
COM03B2	5-Apr-05	REG	0.5	0.5	0.8	0.5	0.5	0.5	2.6	13	5.0	0.5	0.5	120	0.5
COM03B2	20-Oct-05	REG	1.0	1.0	1.2	1.0	1.0	1.0	1.0	31	10	1.0	1.0	230	1.0
COM03B3	31-Mar-87	REG	0.5	0.5	0.2	0.5	0.5	9.3	NT	NT	0.5	0.5	0.5	0.5	0.5
COM03B3	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM03B3	7-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM03B3	17-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM03B3	20-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM03B3	6-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM03B3	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM03B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM03B3	12-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.3	NT	1.0	5.0	0.2	NT	0.5	0.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLOROETHANE µg/l	1,1-DICHLOROETHANE µg/l	1,1-DICHLOROETHENE µg/l	1,2-DICHLOROBENZENE µg/l	1,2-DICHLOROETHANE µg/l	CHLOROFORM µg/l	CIS-1,2-DICHLOROETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRACHLOROETHENE µg/l	TRANS-1,2-DICHLOROETHENE µg/l	TRICHLOROETHENE µg/l	VINYL CHLORIDE µg/l
COM03B3	10-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM03B3	8-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM03B3	6-May-92	REG	0.0	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM03B3	8-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM03B3	21-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM04A	8-Jul-87	REG	5.9	3.1	1.6	0.5	0.5	3.4	NT	NT	0.5	0.5	5.4	61	0.5
COM04A	6-Apr-89	REG	1.2	2.2	0.3	1.0	0.3	1.3	NT	15	1.0	0.2	NT	9.3	0.3
COM04A	24-Jun-89	REG	2.0	0.5	0.5	0.5	0.5	0.5	NT	4.0	0.5	0.5	0.5	29	1.0
COM04A	24-Jun-89	REG	4.0	0.5	0.5	0.5	0.5	0.5	NT	4.0	0.5	0.5	0.5	28	1.0
COM04A	1-Apr-90	REG	1.7	2.2	4.6	1.0	0.3	0.7	NT	2.4	5.0	0.2	NT	2.5	0.3
COM04A	10-Apr-91	REG	0.7	0.8	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	6.8	0.3
COM04A	10-Apr-92	REG	1.3	1.2	0.3	1.0	0.3	0.9	NT	0.6	0.3	0.2	NT	14	0.5
COM04A	13-Apr-93	REG	1.3	0.5	0.5	0.5	0.5	1.1	1.2	0.5	0.5	0.5	0.5	20	0.5
COM04A	5-Apr-94	REG	1.1	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	12	0.5
COM04A	7-Apr-95	REG	1.4	1.3	0.8	0.5	0.5	0.6	0.6	1.0	0.5	0.5	0.6	10	1.0
COM04A	4-Apr-96	REG	0.9	0.6	0.5	0.5	0.5	0.5	1.2	0.9	1.0	0.5	0.5	21	0.5
COM04A	10-Apr-97	REG	0.8	0.7	0.5	0.5	0.5	0.5	1.3	0.7	1.0	0.5	0.5	19	0.5
COM04A	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	1.4	2.6	1.0	5.0	0.5	0.5	20	0.5
COM04A	23-Nov-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.8	5.0	2.0	0.5	0.5	14	0.5
COM04A	11-Nov-99	REG	0.7	0.6	0.5	1.0	0.5	0.6	1.9	0.8	5.0	0.5	0.5	26	0.5
COM04A	21-Apr-00	REG	0.8	0.8	0.5	0.5	0.5	0.5	2.0	5.0	5.0	0.5	0.5	23	0.5
COM04A	16-Oct-00	REG	0.8	0.6	0.5	0.5	0.5	0.8	2.1	5.0	5.0	0.5	0.5	43	0.5
COM04A	11-Apr-01	REG	0.6	0.6	0.5	0.5	0.5	0.5	1.8	5.0	5.0	0.5	0.5	26	0.5
COM04A	15-Oct-01	REG	0.6	0.5	0.5	0.5	0.5	0.5	1.2	5.0	5.0	0.5	0.5	26	0.5
COM04A	25-Oct-02	REG	0.6	0.5	0.5	0.5	0.5	0.6	1.3	5.0	5.0	0.5	0.5	27	0.5
COM04A	4-Nov-03	REG	0.6	0.5	0.5	0.5	0.5	0.5	1.6	5.0	5.0	0.5	0.5	29	0.5
COM04A	20-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.6	1.3	5.0	5.0	0.5	0.5	33	0.5
COM04A	21-Oct-05	REG	0.6	0.5	0.5	0.5	0.5	0.8	1.2	5.0	5.0	0.5	0.5	38	0.5
COM05A	8-Jul-87	REG	17	4.3	3.3	0.5	0.5	5.2	NT	NT	0.5	0.5	6.0	9.4	0.5
COM05A	6-Apr-89	REG	9.8	2.6	0.3	1.0	0.3	4.9	NT	12	1.0	0.2	NT	3.0	0.3
COM05A	24-Jun-89	REG	13	3.0	2.0	0.5	0.5	0.5	NT	8.0	0.5	0.5	0.5	6.0	1.0
COM05A	1-Apr-90	REG	4.8	1.3	2.8	1.0	0.3	2.8	NT	8.5	5.0	0.2	NT	1.4	0.3
COM05A	15-Apr-91	REG	4.3	1.0	1.2	1.0	0.3	2.7	NT	1.2	5.0	0.2	NT	1.4	0.3
COM05A	7-Apr-92	REG	3.4	1.2	1.2	1.0	0.3	3.1	NT	0.9	0.6	0.2	NT	1.8	0.5
COM05A	8-Apr-93	REG	2.6	0.5	1.7	0.5	0.5	2.6	1.5	2.1	0.5	0.5	0.5	2.5	0.5
COM05A	8-Apr-93	REG	2.1	0.5	0.5	0.5	0.5	2.2	1.3	2.3	0.5	0.5	0.5	1.8	0.5
COM05A	6-Apr-94	REG	1.6	0.5	0.5	0.5	0.5	1.1	0.5	2.0	0.5	0.5	0.5	6.2	0.5
COM05A	6-Apr-95	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	7.7	1.0
COM05A	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	8.0	0.5
COM05A	11-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	6.6	0.5
COM05A	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	10	0.5
COM05A	23-Nov-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	4.7	0.5
COM05A	11-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	7.5	0.5
COM05A	21-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	7.0	0.5
COM05A	16-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	7.4	0.5
COM05A	11-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	5.7	0.5
COM05A	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	5.9	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM05A	25-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	6.7	0.5
COM05A	4-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	5.6	0.5
COM05A	20-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.5	0.5
COM05A	21-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.3	0.5
COM05B1	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM05B1	14-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM05B1	6-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM05B1	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	6.1	0.3
COM05B1	15-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM05B1	8-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.6	0.2	NT	0.5	0.5
COM05B1	8-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.7	0.2	NT	0.5	0.5
COM05B1	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM05B1	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM05B1	6-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM05B1	6-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM05B1	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM05B1	11-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM05B1	21-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM05B1	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	3.8	0.5
COM05B1	19-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM05B1	28-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B1	19-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B1	14-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B1	17-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B1	29-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B1	6-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B1	20-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B1	21-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B2	8-Jul-87	REG	1.2	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM05B2	14-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	550	0.5	0.5	0.5	0.5	1.0
COM05B2	6-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	2.2	0.3
COM05B2	1-Apr-90	REG	0.3	0.4	3.5	1.0	0.3	0.2	NT	15	5.0	0.2	NT	1.4	0.3
COM05B2	15-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	3.1	5.0	0.2	NT	0.5	0.3
COM05B2	7-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	4.6	0.7	0.2	NT	0.5	0.5
COM05B2	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.9	0.5	0.5	0.5	0.5	0.5
COM05B2	6-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	0.5	0.5	0.5	0.5	0.5
COM05B2	6-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.2	0.5	0.5	0.5	0.5	1.0
COM05B2	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM05B2	11-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM05B2	21-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM05B2	15-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM05B2	15-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.7	5.0	0.5	0.5	0.5	0.5
COM05B2	22-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B2	17-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B2	12-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B2	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B2	25-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLOROETHANE µg/l	1,1-DICHLOROETHANE µg/l	1,1-DICHLOROETHENE µg/l	1,2-DICHLOROBENZENE µg/l	1,2-DICHLOROETHANE µg/l	CHLOROFORM µg/l	CIS-1,2-DICHLOROETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRACHLOROETHENE µg/l	TRANS-1,2-DICHLOROETHENE µg/l	TRICHLOROETHENE µg/l	VINYL CHLORIDE µg/l
COM05B2	31-Oct-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B2	26-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM05B2	31-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM06AEH	17-Oct-97	REG	4.6	1.5	2.7	0.5	0.5	1.2	360	5.0	5.0	1.7	3.0	400	0.5
COM06A	6-Apr-87	REG	23	12	9.7	0.5	0.5	0.5	NT	NT	0.5	3.6	100	740	0.5
COM06A	10-Jul-87	REG	5.0	5.0	2.0	5.0	5.0	5.0	NT	NT	5.0	5.0	50	1800	5.0
COM06A	8-Oct-87	REG	10	12	15	0.5	0.5	10	NT	81	0.5	0.5	110	280	0.5
COM06A	15-Dec-87	REG	13	6.3	9.0	0.5	0.5	27	NT	160	0.5	5.4	99	230	0.5
COM06A	6-Apr-88	REG	13	10	10	10	10	16	NT	33	10	10	10	1600	10
COM06A	6-Oct-88	REG	4.5	0.5	0.5	0.5	0.5	15	NT	26	0.5	0.5	68	1200	1.0
COM06A	27-Dec-88	REG	8.4	0.5	7.0	0.5	0.5	28	77	34	0.5	0.5	0.5	1800	1.0
COM06A	6-Apr-89	REG	13	10	10	10	10	16	NT	33	10	10	10	1600	10
COM06A	27-Jun-89	REG	10	5.0	13	5.0	5.0	5.0	NT	5.0	5.0	5.0	70	1600	10
COM06A	24-Jan-92	REG	75	100	75	250	75	50	NT	250	1250	50	NT	1300	75
COM06A	17-Apr-92	REG	10	80	60	200	60	40	NT	17	89	40	NT	720	100
COM06A	10-Jul-92	REG	60	80	60	200	60	40	NT	200	310	40	NT	1300	60
COM06A	10-Jul-92	REG	60	80	60	200	60	40	NT	200	270	40	NT	1300	60
COM06A	8-Oct-92	REG	20	10	10	10	10	10	26	42	10	10	10	750	10
COM06A	8-Jan-93	REG	10	10	10	10	10	10	16	64	10	10	10	1000	10
COM06A	13-Apr-93	REG	25	25	25	25	25	25	45	25	25	25	25	1300	25
COM06A	8-Jul-93	REG	10	25	10	25	10	25	51	25	25	10	25	900	10
COM06A	8-Jul-93	REG	25	10	25	10	25	10	25	10	10	25	10	1000	25
COM06A	6-Oct-93	REG	25	25	25	25	25	25	140	25	25	25	25	1200	25
COM06A	5-Jan-94	REG	25	10	25	10	10	25	320	10	25	10	10	970	10
COM06A	5-Jan-94	REG	10	25	10	25	25	10	270	25	10	25	25	800	25
COM06A	5-Apr-94	REG	11	10	10	10	10	10	300	10	24	10	10	810	10
COM06A	6-Jul-94	REG	7.2	2.5	2.5	2.5	2.5	5.0	300	3.4	5.0	5.0	2.7	860	2.5
COM06A	6-Jul-94	REG	5.0	5.0	5.0	5.0	5.0	2.7	320	5.0	2.5	2.5	5.0	910	5.0
COM06A	4-Oct-94	REG	8.1	5.0	5.0	5.0	5.0	5.0	420	5.0	5.0	5.0	5.0	830	5.0
COM06A	6-Jan-95	REG	8.5	5.0	5.0	5.0	5.0	5.0	380	5.3	5.0	5.0	5.0	750	5.0
COM06A	6-Apr-95	REG	10	10	10	10	10	10	150	20	10	10	13	560	20
COM06A	6-Apr-95	REG	10	10	10	10	10	10	150	20	10	10	13	580	20
COM06A	5-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	250	10	5.0	5.0	5.0	590	10
COM06A	9-Apr-96	REG	10	10	10	10	10	10	210	10	20	10	10	560	10
COM06A	9-Apr-96	REG	10	10	10	10	10	10	250	10	20	10	10	700	10
COM06A	10-Oct-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	330	5.0	10	5.0	5.0	200	5.0
COM06A	14-Apr-97	REG	10	10	10	10	10	10	260	10	20	10	10	480	10
COM06A	14-Apr-97	REG	10	10	10	10	10	10	250	10	20	10	10	470	10
COM06A	15-Oct-97	REG	4.8	1.6	2.7	0.5	0.5	4.1	380	4.9	5.0	2.1	2.8	540	0.5
COM06A	7-Oct-98	REG	1.0	1.2	2.0	1.0	0.5	0.5	270	5.0	2.0	1.4	2.2	480	0.5
COM06A	17-Sep-99	REG	2.3	1.2	1.6	1.0	2.4	1.5	300	6.1	5.0	1.2	4.8	480	1.9
COM06A	20-Dec-99	REG	1.0	0.6	2.0	1.0	0.5	4.3	200	5.0	2.0	1.6	1.2	440	0.5
COM06A	15-Feb-00	REG	0.8	0.7	1.4	1.0	0.5	2.2	130	7.7	5.0	0.8	1.7	310	0.5
COM06A	27-Apr-00	REG	1.8	1.4	1.4	1.3	1.3	1.3	220	13	13	1.3	7.5	380	3.3
COM06A	24-Jul-00	REG	2.1	1.8	1.8	1.8	1.8	1.8	250	18	18	1.8	11	410	1.8
COM06A	4-Oct-00	REG	1.9	1.3	1.3	1.3	1.3	1.3	250	13	13	1.3	3.5	370	1.3
COM06A	22-Jan-01	REG	1.6	1.3	1.3	1.3	1.3	1.3	230	13	13	1.3	13	360	1.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM06A	4-Apr-01	REG	1.3	1.3	1.5	1.3	1.3	1.3	190	13	13	1.3	3.8	300	1.3
COM06A	31-Jul-01	REG	1.3	1.0	1.1	1.0	1.0	1.0	220	10	10	1.0	2.5	260	5.1
COM06A	3-Oct-01	REG	1.3	1.3	1.4	1.3	1.3	1.3	240	13	13	1.3	3.0	220	27
COM06A	18-Apr-02	REG	1.3	1.3	1.3	1.3	1.3	1.3	160	13	13	1.3	6.2	320	5.0
COM06A	2-Oct-02	REG	0.7	0.7	0.7	0.7	0.7	0.8	99	7.1	7.1	0.8	5.7	270	5.2
COM06A	7-Apr-03	REG	1.0	1.0	1.6	1.0	1.0	1.0	110	10	10	1.1	1.6	430	3.0
COM06A	31-Oct-03	REG	2.3	1.7	1.7	1.7	1.7	1.7	95	17	17	1.7	2.0	360	4.2
COM06A	28-Apr-04	REG	0.5	0.7	1.1	0.5	0.5	0.7	150	5.0	5.0	0.8	2.3	160	20
COM06A	21-Oct-04	REG	2.5	2.5	2.5	2.5	2.5	2.5	110	25	25	2.5	2.9	300	2.5
COM06A	5-Apr-05	REG	2.5	2.5	2.5	2.5	2.5	2.5	110	25	25	2.5	3.7	260	8.5
COM06A	20-Oct-05	REG	1.0	1.0	1.0	1.0	1.0	1.0	96	10	10	1.0	2.2	340	3.7
COM06B2	7-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	770	0.5
COM06B2	10-Jul-87	REG	50	6.8	20	50	50	50	NT	NT	50	50	73	1200	50
COM06B2	8-Oct-87	REG	13	0.5	2.6	0.5	250	0.5	NT	0.5	0.5	11	2.8	400	0.5
COM06B2	15-Dec-87	REG	21	0.5	0.5	0.5	0.5	770	NT	1400	0.5	0.5	0.5	1500	0.5
COM06B2	6-Apr-88	REG	43	10	10	10	10	10	NT	800	10	10	10	4800	10
COM06B2	27-Jun-88	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	370	5.0	5.0	5.0	3400	10
COM06B2	27-Jun-88	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	330	5.0	5.0	5.0	3300	10
COM06B2	6-Oct-88	REG	16	5.0	5.0	5.0	5.0	5.0	NT	140	5.0	5.0	5.0	2800	10
COM06B2	27-Dec-88	REG	27	0.5	2.4	0.5	0.5	0.5	NT	390	0.5	0.5	0.5	2200	1.0
COM06B2	8-Mar-89	REG	14	4.0	3.0	10	3.0	2.0	NT	180	10	2.0	NT	2200	3.0
COM06B2	13-Apr-89	REG	13	0.4	0.3	1.0	0.3	0.2	NT	310	1.0	0.2	NT	3300	0.3
COM06B2	17-Aug-89	REG	30	40	30	100	30	20	NT	100	100	20	NT	3100	30
COM06B2	1-Oct-89	REG	60	80	60	200	60	40	NT	240	200	40	NT	2000	60
COM06B2	1-Jan-90	REG	30	40	30	100	30	20	NT	170	500	20	NT	2000	30
COM06B2	1-Apr-90	REG	100	100	100	100	100	100	NT	100	200	100	NT	5100	200
COM06B2	1-Jul-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	1900	30
COM06B2	11-Oct-90	REG	75	100	75	250	75	50	NT	250	1250	50	NT	1800	75
COM06B2	9-Jan-91	REG	150	200	150	500	150	100	NT	500	2500	100	NT	860	150
COM06B2	12-Apr-91	REG	125	125	125	NT	125	125	NT	180	250	125	NT	1900	250
COM06B2	10-Jul-91	REG	120	160	120	400	120	80	NT	400	2000	80	NT	1600	120
COM06B2	10-Oct-91	REG	30	40	30	100	30	20	30	300	500	20	NT	2200	30
COM06B2	7-Jan-92	REG	75	100	75	250	75	50	NT	79	1250	50	NT	1700	75
COM06B2	16-Apr-92	REG	60	80	60	200	60	40	NT	98	100	40	NT	1600	100
COM06B2	16-Apr-92	REG	60	80	60	200	60	40	NT	100	100	40	NT	1600	100
COM06B2	9-Jul-92	REG	60	80	60	200	60	40	NT	78	68	40	NT	1700	60
COM06B2	9-Jul-92	REG	60	80	60	200	60	40	NT	99	110	40	NT	1400	60
COM06B2	8-Oct-92	REG	50	50	50	50	50	50	50	130	50	50	50	2400	50
COM06B2	8-Jan-93	REG	12	12	12	12	12	12	12	58	12	12	12	1500	12
COM06B2	13-Apr-93	REG	25	25	25	25	25	25	25	25	25	25	25	1400	25
COM06B2	8-Jul-93	REG	25	25	25	25	25	25	25	25	25	25	25	1100	25
COM06B2	5-Oct-93	REG	10	10	10	10	10	10	10	46	10	10	10	820	10
COM06B2	5-Jan-94	REG	25	25	25	25	25	25	25	50	25	25	25	1200	25
COM06B2	5-Apr-94	REG	25	25	25	25	25	25	25	59	25	25	25	1100	25
COM06B2	6-Jul-94	REG	25	25	25	25	25	25	25	33	170	25	25	1300	25
COM06B2	4-Oct-94	REG	25	25	25	25	25	25	25	39	25	25	25	1200	25
COM06B2	6-Jan-95	REG	25	25	25	25	25	25	25	54	25	25	25	1100	25
COM06B2	6-Apr-95	REG	25	25	25	25	25	25	25	50	25	25	25	910	50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM06B2	5-Oct-95	REG	25	25	25	25	25	25	25	78	25	25	25	1200	50
COM06B2	2-Apr-96	REG	25	25	25	25	25	25	25	25	50	25	25	770	25
COM06B2	10-Oct-96	REG	10	10	10	10	10	10	10	22	20	10	10	530	10
COM06B2	14-Apr-97	REG	10	10	10	10	10	10	10	38	20	10	10	740	10
COM06B2	15-Oct-97	REG	0.5	0.5	1.9	0.5	0.5	0.5	5.1	47	5.0	0.5	0.5	660	0.5
COM06B2	7-Oct-98	FD	1.0	0.5	3.0	1.0	0.5	0.5	4.7	35	2.0	0.6	0.5	540	0.5
COM06B2	7-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	4.7	33	2.0	0.5	0.5	610	0.5
COM06B2	20-Sep-99	REG	0.5	0.5	0.6	1.0	0.5	0.5	1.4	0.5	5.0	0.5	0.5	720	0.5
COM06B2	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	2.8	22	2.0	0.5	0.5	550	0.5
COM06B2	14-Feb-00	REG	0.5	0.5	1.0	1.0	0.5	0.5	3.9	26	5.0	0.5	0.5	530	0.5
COM06B2	24-Apr-00	REG	1.7	1.7	1.7	1.7	1.7	1.7	3.5	23	17	1.7	1.7	490	1.7
COM06B2	24-Jul-00	REG	2.5	2.5	2.5	2.5	2.5	2.5	4.6	26	25	2.5	2.5	560	2.5
COM06B2	4-Oct-00	REG	1.7	1.7	1.7	1.7	1.7	1.7	3.8	19	17	1.7	1.7	410	1.7
COM06B2	22-Jan-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	2.6	49	17	1.7	1.7	420	1.7
COM06B2	4-Apr-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	4.6	22	17	1.7	1.7	400	1.7
COM06B2	31-Jul-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	4.1	19	17	1.7	1.7	420	1.7
COM06B2	3-Oct-01	REG	1.3	1.3	1.3	1.3	1.3	1.3	5.5	20	13	1.3	1.3	420	1.3
COM06B2	18-Apr-02	REG	1.3	1.3	1.3	1.3	1.3	1.3	5.0	22	13	1.3	1.3	440	1.3
COM06B2	2-Oct-02	REG	1.7	1.7	1.7	1.7	1.7	1.7	5.0	27	17	1.7	1.7	460	1.7
COM06B2	7-Apr-03	REG	1.7	1.7	1.7	1.7	1.7	1.7	5.9	40	17	1.7	1.7	450	1.7
COM06B2	31-Oct-03	REG	2.1	1.7	1.7	1.7	1.7	1.7	5.4	32	17	1.7	1.7	410	1.7
COM06B2	28-Apr-04	REG	1.7	1.7	1.7	1.7	1.7	1.7	5.2	34	17	1.7	1.7	390	1.7
COM06B2	21-Oct-04	REG	3.1	3.1	3.1	3.1	3.1	3.1	4.8	44	31	3.1	3.1	350	3.1
COM06B2	5-Apr-05	REG	2.5	2.5	2.5	2.5	2.5	2.5	5.3	47	25	2.5	2.5	410	2.5
COM06B2	20-Oct-05	REG	4.2	4.2	4.2	4.2	4.2	4.2	8.6	84	42	4.2	4.2	510	4.2
COM06B3	6-Apr-87	REG	30	0.5	0.7	0.5	0.5	0.5	NT	NT	0.5	50	1.5	1000	0.5
COM06B3	10-Jul-87	REG	0.5	0.5	2.0	5.0	0.5	5.0	NT	NT	0.5	5.0	5.0	2900	0.5
COM06B3	10-Jul-87	REG	5.0	5.0	0.2	0.5	5.0	0.5	NT	NT	5.0	0.5	0.5	190	5.0
COM06B3	8-Oct-87	REG	2.3	0.5	3.5	0.5	0.5	0.5	NT	430	0.5	1.7	10	420	0.5
COM06B3	15-Dec-87	REG	1.1	6.9	2.1	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	1300	0.5
COM06B3	6-Apr-88	REG	10	10	10	10	10	10	NT	470	10	10	10	3300	10
COM06B3	7-Apr-88	REG	10	10	10	10	10	10	NT	470	10	10	10	3300	10
COM06B3	27-Jun-88	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	600	5.0	5.0	5.0	3400	10
COM06B3	6-Oct-88	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	180	5.0	5.0	5.0	2300	10
COM06B3	6-Oct-88	REG	5.0	5.0	5.0	5.0	180	5.0	NT	5.0	5.0	5.0	5.0	2100	10
COM06B3	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	4.9	630	0.5	0.5	0.5	4500	1.0
COM06B3	8-Mar-89	REG	3.0	4.0	3.0	10	3.0	2.0	NT	360	10	2.0	NT	1600	3.0
COM06B3	13-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	1.1	NT	110	1.0	0.2	NT	1200	0.3
COM06B3	13-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.9	NT	200	1.0	5.6	NT	790	0.3
COM06B3	1-Oct-89	REG	30	40	30	100	30	20	NT	240	100	20	NT	1200	30
COM06B3	1-Jan-90	REG	60	80	60	200	60	40	NT	200	1000	40	NT	920	60
COM06B3	1-Apr-90	REG	15	20	15	50	15	10	NT	140	250	10	NT	960	15
COM06B3	1-Jul-90	REG	3.0	4.0	3.0	10	3.0	2.0	NT	10	25	2.0	NT	1000	1.5
COM06B3	11-Oct-90	REG	75	100	75	250	75	50	NT	250	1250	50	NT	680	75
COM06B3	9-Jan-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	370	30
COM06B3	12-Apr-91	REG	25	25	25	NT	25	25	NT	220	50	25	NT	25	50
COM06B3	12-Apr-91	REG	25	25	25	NT	25	25	NT	220	50	25	NT	25	50
COM06B3	10-Jul-91	REG	120	160	120	400	120	80	NT	400	2000	80	NT	850	120

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM06B3	10-Oct-91	REG	12	8.0	12	20	6.0	4.6	12	180	100	4.0	NT	800	6.0
COM06B3	10-Oct-91	REG	6.0	16	6.0	40	12	8.0	6.0	230	200	8.0	NT	1200	12
COM06B3	7-Jan-92	REG	15	20	15	50	15	10	NT	150	250	10	NT	1200	15
COM06B3	16-Apr-92	REG	60	80	60	200	60	40	NT	160	110	40	NT	1300	100
COM06B3	9-Jul-92	REG	60	80	60	200	60	40	NT	160	95	40	NT	1200	60
COM06B3	8-Oct-92	REG	10	10	10	10	10	10	10	100	10	10	10	570	10
COM06B3	8-Jan-93	REG	10	10	10	10	10	10	10	110	10	10	10	1000	10
COM06B3	13-Apr-93	REG	12	12	12	12	12	12	12	80	12	12	12	1000	12
COM06B3	8-Jul-93	REG	10	10	10	10	10	10	10	140	10	10	10	730	10
COM06B3	5-Oct-93	REG	10	10	10	10	10	10	10	87	10	10	10	690	10
COM06B3	5-Jan-94	REG	10	10	10	10	10	10	10	100	10	10	10	810	10
COM06B3	5-Apr-94	REG	12	12	12	12	12	12	12	150	12	12	12	1100	12
COM06B3	5-Apr-94	REG	12	12	12	12	12	12	12	190	12	12	12	910	12
COM06B3	8-Jul-94	REG	10	10	10	10	10	10	10	83	10	10	10	940	10
COM06B3	4-Oct-94	REG	10	10	10	10	10	10	10	110	10	10	10	970	10
COM06B3	6-Jan-95	REG	25	25	25	25	25	25	25	110	25	25	25	810	25
COM06B3	6-Apr-95	REG	10	10	10	10	10	10	10	84	10	10	13	600	20
COM06B3	6-Apr-95	REG	10	10	12	10	10	10	10	86	10	10	13	730	20
COM06B3	5-Oct-95	REG	10	10	10	10	10	10	10	110	10	10	10	640	20
COM06B3	3-Apr-96	REG	10	10	10	10	10	10	10	77	20	10	10	550	10
COM06B3	10-Oct-96	REG	10	10	10	10	10	10	10	42	20	10	10	470	10
COM06B3	14-Apr-97	REG	10	10	10	10	10	10	10	67	20	10	10	520	10
COM06B3	14-Apr-97	REG	10	10	10	10	10	10	10	66	20	10	10	560	10
COM06B3	15-Oct-97	REG	0.5	0.5	1.8	0.5	0.5	0.5	1.9	78	5.0	0.5	0.5	690	0.5
COM06B3	15-Oct-97	REG	0.5	0.5	1.7	0.5	0.5	0.5	1.8	79	5.0	0.5	0.5	800	0.5
COM06B3	7-Oct-98	REG	1.0	0.5	3.0	1.0	0.5	0.5	2.5	74	2.0	0.5	0.6	540	0.5
COM06B3	17-Sep-99	REG	0.5	0.5	1.3	1.0	0.5	0.5	2.8	55	5.0	0.5	0.5	530	0.5
COM06B3	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	1.4	45	2.0	0.5	0.7	480	0.5
COM06B3	14-Feb-00	REG	0.5	0.5	1.1	1.0	0.5	0.5	2.6	51	5.0	0.5	0.6	500	0.5
COM06B3	24-Apr-00	REG	1.3	1.3	1.3	1.3	1.3	1.3	1.7	56	13	1.3	1.3	400	1.3
COM06B3	24-Jul-00	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.5	55	20	2.0	2.0	500	2.0
COM06B3	4-Oct-00	REG	1.7	1.7	1.7	1.7	1.7	1.7	2.3	39	17	1.7	1.7	400	1.7
COM06B3	22-Jan-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	3.7	34	17	1.7	1.7	490	1.7
COM06B3	4-Apr-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	2.2	38	17	1.7	1.7	340	1.7
COM06B3	31-Jul-01	REG	0.5	0.5	1.2	0.5	0.5	0.5	2.9	49	5.0	0.5	0.6	400	0.5
COM06B3	3-Oct-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	3.4	51	17	1.7	1.7	520	1.7
COM06B3	18-Apr-02	REG	1.7	1.7	1.7	1.7	1.7	1.7	2.9	41	17	1.7	1.7	520	1.7
COM06B3	2-Oct-02	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.7	55	20	2.0	2.0	620	2.0
COM06B3	7-Apr-03	REG	2.5	2.5	3.2	2.5	2.5	2.5	3.0	49	25	2.5	2.5	700	2.5
COM06B3	31-Oct-03	REG	2.5	2.5	2.5	2.5	2.5	2.5	3.0	34	25	2.5	2.5	500	2.5
COM06B3	28-Apr-04	REG	1.7	1.7	1.7	1.7	1.7	1.7	2.7	34	17	1.7	1.7	460	1.7
COM06B3	21-Oct-04	FD	3.1	3.1	3.1	3.1	3.1	3.1	5.0	44	31	3.1	3.1	460	3.1
COM06B3	21-Oct-04	REG	3.6	3.6	3.6	3.6	3.6	3.6	3.6	40	36	3.6	3.6	420	3.6
COM06B3	5-Apr-05	REG	3.1	3.1	3.1	3.1	3.1	3.1	3.1	40	31	3.1	3.1	460	3.1
COM06B3	20-Oct-05	REG	3.1	3.1	3.1	3.1	3.1	3.1	4.0	56	31	3.1	3.1	540	3.1
COM06B4	6-Apr-87	REG	0.5	0.5	1.6	0.5	0.5	0.5	NT	NT	0.5	0.5	8.5	680	0.5
COM06B4	10-Jul-87	REG	5.0	5.0	2.0	5.0	5.0	5.0	NT	NT	5.0	5.0	5.0	3100	5.0
COM06B4	8-Oct-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	22	0.5	0.5	0.8	22	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM06B4	15-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	83	0.5	0.5	0.5	60	0.5
COM06B4	6-Apr-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	37	0.5	0.5	0.5	65	0.5
COM06B4	27-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	25	0.5	0.5	0.5	34	1.0
COM06B4	6-Oct-88	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	8.5	5.0	5.0	5.0	20	10
COM06B4	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	3.3	0.5	0.5	0.5	14	1.0
COM06B4	8-Mar-89	REG	3.0	4.0	3.0	10	3.0	2.0	NT	14	10	2.0	NT	140	3.0
COM06B4	13-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	120	0.3
COM06B4	17-Aug-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	8.7	1.0	0.2	NT	11	0.3
COM06B4	17-Aug-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	8.1	1.0	0.2	NT	9.6	0.3
COM06B4	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	14	1.0	0.2	NT	13	0.3
COM06B4	1-Jan-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	20	5.0	0.2	NT	21	0.3
COM06B4	1-Apr-90	REG	0.3	0.4	2.1	1.0	0.3	0.3	NT	13	5.0	0.2	NT	27	0.3
COM06B4	1-Jul-90	REG	1.5	2.0	1.5	5.0	1.5	1.1	NT	5.0	25	1.0	NT	29	1.5
COM06B4	11-Oct-90	REG	0.3	0.4	2.8	1.0	0.3	0.2	NT	15	5.0	0.2	NT	45	0.3
COM06B4	9-Jan-91	REG	0.3	0.4	1.4	1.0	0.3	0.2	NT	8.9	5.0	0.2	NT	64	0.3
COM06B4	12-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	16	5.0	0.2	NT	160	0.3
COM06B4	12-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	16	5.0	0.2	NT	160	0.3
COM06B4	10-Jul-91	REG	3.0	4.0	3.0	10	3.0	2.0	NT	15	50	2.0	NT	150	3.0
COM06B4	10-Oct-91	REG	3.0	4.0	3.0	10	3.0	2.0	3.0	37	50	2.0	NT	160	3.0
COM06B4	7-Jan-92	REG	15	20	15	50	15	10	NT	50	250	10	NT	89	15
COM06B4	16-Apr-92	REG	3.0	4.0	3.0	10	3.0	2.0	NT	18	4.8	2.0	NT	130	5.0
COM06B4	16-Apr-92	REG	3.0	4.0	3.0	10	3.0	2.0	NT	19	5.3	2.0	NT	130	5.0
COM06B4	9-Jul-92	REG	15	20	15	50	15	10	NT	17	29	10	NT	110	15
COM06B4	8-Oct-92	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	20	2.5	2.5	2.5	170	2.5
COM06B4	8-Oct-92	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	17	2.5	2.5	2.5	180	2.5
COM06B4	8-Jan-93	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	8.8	1.0	1.0	1.0	110	1.0
COM06B4	13-Apr-93	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	7.2	1.0	1.0	1.0	71	1.0
COM06B4	8-Jul-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	23	2.5	2.5	2.5	110	2.5
COM06B4	6-Oct-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	7.2	2.5	2.5	2.5	110	2.5
COM06B4	5-Jan-94	REG	2.5	1.0	2.5	2.5	1.0	2.5	2.5	10	1.0	1.0	2.5	98	2.5
COM06B4	5-Jan-94	REG	1.0	2.5	1.0	1.0	2.5	1.0	1.0	10	2.5	2.5	1.0	100	1.0
COM06B4	5-Apr-94	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12	2.0	1.0	1.0	75	1.0
COM06B4	5-Apr-94	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.9	1.0	1.0	1.0	97	1.0
COM06B4	6-Jul-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	7.4	2.5	2.5	2.5	95	2.5
COM06B4	4-Oct-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	8.0	2.5	2.5	2.5	94	2.5
COM06B4	6-Jan-95	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	11	2.5	2.5	2.5	77	2.5
COM06B4	6-Apr-95	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	8.0	2.5	2.5	3.2	61	5.0
COM06B4	5-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	20	5.0	5.0	5.0	170	10
COM06B4	3-Apr-96	REG	1.0	10	1.0	10	1.0	10	10	76	2.0	1.0	10	66	10
COM06B4	3-Apr-96	REG	10	1.0	10	1.0	10	1.0	1.0	9.2	20	10	1.0	550	1.0
COM06B4	10-Oct-96	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.9	2.0	1.0	1.0	52	1.0
COM06B4	10-Oct-96	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	2.0	1.0	1.0	51	1.0
COM06B4	14-Apr-97	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.9	2.0	1.0	1.0	47	1.0
COM06B4	17-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	7.0	5.0	0.5	0.5	47	0.5
COM06B4	17-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.0	5.0	0.5	0.5	46	0.5
COM06B4	7-Oct-98	FD	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	51	0.5
COM06B4	7-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	53	0.5
COM06B4	17-Sep-99	REG	0.5	0.5	0.5	1.0	0.9	0.5	0.5	4.9	5.0	0.5	0.5	64	0.5
COM06B4	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	33	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM06B4	14-Feb-00	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	3.9	5.0	0.5	0.5	46	0.5
COM06B4	24-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	5.0	5.0	0.5	0.5	48	0.5
COM06B4	24-Jul-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.8	5.1	5.0	0.5	0.5	60	0.5
COM06B4	4-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	5.0	5.0	0.5	0.5	48	0.5
COM06B4	22-Jan-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	5.0	5.0	0.5	0.5	47	0.5
COM06B4	4-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.8	5.0	5.0	0.5	0.5	43	0.5
COM06B4	31-Jul-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	5.0	5.0	0.5	0.5	48	0.5
COM06B4	3-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.9	8.7	5.0	0.5	0.5	76	0.5
COM06B4	18-Apr-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.9	5.0	5.0	0.5	0.5	71	0.5
COM06B4	2-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.9	7.1	5.0	0.5	0.5	82	0.5
COM06B4	7-Apr-03	REG	0.5	0.5	0.6	0.5	0.5	0.5	2.3	7.4	5.0	0.5	0.5	100	0.5
COM06B4	31-Oct-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.6	5.6	5.0	0.5	0.5	79	0.5
COM06B4	28-Apr-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.8	5.8	5.0	0.5	0.5	80	0.5
COM06B4	21-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.5	7.0	5.0	0.5	0.5	67	0.5
COM06B4	5-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.7	6.8	5.0	0.5	0.5	81	0.5
COM06B4	20-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	2.1	10	5.0	0.5	0.5	94	0.5
COM07B1	7-Jul-87	REG	1.1	8.9	0.8	0.5	0.5	0.5	NT	NT	0.5	0.5	1.6	2.0	0.5
COM07B1	16-Jun-88	REG	0.5	11	15	0.5	0.5	0.5	NT	18	0.5	0.5	0.5	35	1.0
COM07B1	13-Apr-89	REG	0.3	0.4	6.2	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	97	0.3
COM07B1	13-Apr-89	REG	0.3	6.2	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM07B1	1-Apr-90	REG	1.8	4.2	7.2	1.0	0.3	1.6	NT	10	5.0	0.2	NT	54	0.3
COM07B1	9-Apr-91	REG	3.0	4.0	3.0	10	3.0	2.0	NT	10	50	2.0	NT	54	3.0
COM07B1	16-Apr-92	REG	2.4	3.2	1.6	10	3.0	5.4	NT	8.0	5.1	2.0	NT	120	0.7
COM07B1	8-Apr-93	REG	13	5.0	5.0	5.0	5.0	11	46	22	5.0	5.0	5.0	300	5.0
COM07B1	8-Apr-93	REG	13	13	15	5.0	5.0	11	40	21	5.0	5.0	5.0	320	5.0
COM07B1	8-Apr-94	REG	10	10	10	10	10	10	97	45	10	10	10	450	10
COM07B1	6-Apr-95	REG	5.2	6.1	9.4	5.0	5.0	5.0	105	18	5.0	5.0	7.6	300	10
COM07B1	2-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	140	13	10	5.0	5.0	310	5.0
COM07B1	14-Apr-97	REG	5.0	5.0	5.0	5.0	5.0	5.0	130	10	10	5.0	5.0	250	5.0
COM07B1	23-Oct-97	REG	2.2	2.6	3.7	0.5	0.5	2.9	160	13	5.0	0.5	0.5	290	0.5
COM07B1	12-Oct-98	REG	2.0	2.4	3.0	1.0	0.5	4.4	160	9.0	2.0	0.5	0.9	320	1.5
COM07B1	23-Nov-99	FD	1.4	2.9	4.0	1.0	0.5	3.3	190	11	5.0	0.5	1.9	350	2.8
COM07B1	23-Nov-99	REG	1.6	3.3	5.1	1.0	0.5	3.8	200	13	5.0	0.5	1.7	350	3.0
COM07B1	1-May-00	FD	1.0	2.6	1.8	1.0	1.0	1.0	140	10	10	1.0	8.6	250	1.9
COM07B1	1-May-00	REG	1.3	2.8	1.5	1.3	1.3	1.3	140	13	13	1.3	11	250	2.4
COM07B1	21-Oct-00	FD	1.0	2.0	1.0	1.0	1.0	1.0	140	10	10	1.0	13	250	1.4
COM07B1	21-Oct-00	REG	1.0	2.1	1.3	1.0	1.0	1.0	140	10	10	1.0	8.1	250	1.7
COM07B1	18-Apr-01	FD	0.5	2.5	3.5	0.5	0.5	0.7	180	7.3	5.0	0.5	2.5	310	2.1
COM07B1	18-Apr-01	REG	1.0	2.5	3.4	1.0	1.0	1.0	180	10	10	1.0	3.4	290	1.8
COM07B1	19-Oct-01	FD	1.0	2.1	1.8	1.0	1.0	1.0	170	10	10	1.0	6.5	270	1.2
COM07B1	19-Oct-01	REG	1.0	2.0	2.2	1.0	1.0	1.0	160	10	10	1.0	3.9	250	1.2
COM07B1	5-Nov-02	FD	1.7	2.0	3.1	1.7	1.7	1.7	150	17	17	1.7	2.1	340	1.7
COM07B1	5-Nov-02	REG	1.0	2.0	3.0	1.0	1.0	1.0	150	10	10	1.0	1.5	340	1.2
COM07B1	11-Nov-03	FD	1.2	2.0	3.3	0.8	0.8	0.8	150	8.3	8.3	0.8	2.5	250	1.3
COM07B1	11-Nov-03	REG	1.2	2.1	3.3	0.8	0.8	0.8	150	8.3	8.3	0.8	2.0	270	1.4
COM07B1	1-Nov-04	FD	0.5	2.0	3.5	0.5	0.5	2.0	130	5.0	5.0	0.5	1.8	240	1.2
COM07B1	1-Nov-04	REG	1.7	1.9	2.7	1.7	1.7	4.3	140	17	17	1.7	2.5	230	1.7
COM07B1	27-Oct-05	FD	2.5	2.5	2.7	2.5	2.5	2.5	120	25	25	2.5	4.6	290	2.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM07B1	27-Oct-05	REG	2.5	2.5	2.6	2.5	2.5	2.5	120	25	25	2.5	4.1	280	2.5
COM08A	6-Apr-87	REG	24	1.2	4.8	0.5	0.5	0.5	NT	NT	0.5	1.2	92	620	0.5
COM08A	10-Jul-87	REG	5.0	5.0	2.0	5.0	5.0	5.0	NT	NT	5.0	5.0	43	1500	5.0
COM08A	8-Oct-87	REG	12	1.7	4.9	0.5	0.5	51	NT	78	0.5	1.6	43	230	0.5
COM08A	15-Dec-87	REG	9.6	1.9	3.1	0.5	0.5	50	NT	35	0.5	1.3	42	800	0.5
COM08A	6-Apr-88	REG	10	10	10	10	10	30	NT	10	10	10	10	730	10
COM08A	6-Oct-88	REG	2.1	0.5	1.2	0.5	0.5	23	NT	0.5	0.5	0.8	5.1	320	1.0
COM08A	27-Dec-88	REG	5.1	0.5	0.5	0.5	0.5	32	7.0	20	0.5	0.5	0.5	620	1.0
COM08A	8-Mar-89	REG	21	4.0	3.0	10	3.0	2.0	NT	1800	10	2.0	NT	5800	3.0
COM08A	6-Apr-89	REG	10	10	10	10	10	30	NT	10	10	10	10	730	10
COM08A	13-Apr-89	REG	2.1	0.4	3.2	1.0	0.3	12	NT	10	1.0	5.6	NT	150	0.3
COM08A	13-Apr-89	REG	2.4	0.4	3.2	1.0	0.3	12	NT	9.5	1.0	5.6	NT	280	0.3
COM08A	27-Jun-89	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	11	5.0	5.0	5.0	470	10
COM08A	1-Oct-89	REG	3.2	0.4	1.1	1.0	0.3	10	NT	17	1.0	3.6	NT	470	0.3
COM08A	1-Jan-90	REG	7.5	10	7.5	25	7.5	5.0	NT	25	125	5.0	NT	270	7.5
COM08A	1-Apr-90	REG	3.9	1.2	4.4	1.0	0.3	5.5	NT	11	5.0	0.2	NT	640	0.3
COM08A	1-Jul-90	REG	3.9	8.0	3.0	10	3.0	7.5	NT	20	50	2.0	NT	250	6.0
COM08A	1-Jul-90	REG	6.0	4.0	6.0	20	6.0	6.3	NT	10	100	4.0	NT	330	3.0
COM08A	11-Oct-90	REG	6.9	8.0	6.0	20	6.0	11	NT	8.2	100	4.0	NT	530	6.0
COM08A	9-Jan-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	280	30
COM08A	16-Apr-91	REG	50	50	50	NT	50	50	NT	50	100	50	NT	590	100
COM08A	16-Apr-91	REG	50	50	50	NT	50	50	NT	50	100	50	NT	650	100
COM08A	10-Jul-91	REG	120	160	120	400	120	80	NT	400	2000	80	NT	520	120
COM08A	10-Oct-91	REG	7.8	8.0	12	40	6.0	8.0	12	40	100	8.0	NT	600	6.0
COM08A	10-Oct-91	REG	12	16	6.0	20	12	9.2	6.0	52	200	4.0	NT	530	12
COM08A	24-Jan-92	REG	4.7	20	15	50	15	6.9	NT	31	250	10	NT	690	15
COM08A	16-Apr-92	REG	15	20	15	50	15	20	NT	20	34	10	NT	630	25
COM08A	9-Jul-92	REG	15	20	23	50	15	16	NT	18	38	10	NT	570	15
COM08A	6-Oct-92	REG	2.7	1.0	2.0	0.5	0.5	5.1	17	13	0.5	0.9	0.5	390	0.5
COM08A	8-Jan-93	REG	12	12	12	12	12	12	12	60	12	12	12	1000	12
COM08A	8-Apr-93	REG	10	10	10	10	10	10	36	10	10	10	10	780	10
COM08A	7-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	70	5.0	5.0	5.0	5.0	600	5.0
COM08A	6-Oct-93	REG	10	10	10	10	10	10	160	10	10	10	10	870	10
COM08A	5-Jan-94	REG	6.0	5.0	5.0	5.0	5.0	5.0	84	5.2	5.0	5.0	5.0	550	5.0
COM08A	5-Apr-94	REG	10	10	10	10	10	10	68	10	10	10	10	470	10
COM08A	6-Jul-94	REG	3.4	1.0	1.8	1.0	1.0	3.2	110	13	1.0	1.0	1.0	590	1.0
COM08A	4-Oct-94	REG	3.7	1.1	1.9	1.0	1.0	3.0	110	5.9	1.8	1.1	1.0	560	1.0
COM08A	6-Jan-95	REG	2.3	2.0	2.0	2.0	2.0	2.5	55	4.2	2.0	2.0	2.0	430	2.0
COM08A	6-Apr-95	REG	5.0	5.0	5.7	5.0	5.0	5.0	29	10	5.0	5.0	6.7	370	10
COM08A	5-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	44	10	5.0	5.0	5.0	380	10
COM08A	5-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	47	10	5.0	5.0	5.0	370	10
COM08A	2-Apr-96	REG	10	10	10	10	10	10	74	10	20	10	10	390	10
COM08A	9-Oct-96	REG	10	10	10	10	10	10	71	10	20	10	10	400	10
COM08A	14-Apr-97	REG	10	10	10	10	10	10	84	10	20	10	10	450	10
COM08A	14-Oct-97	REG	2.2	0.5	1.8	0.5	0.5	1.9	120	4.5	5.0	0.5	0.5	430	0.5
COM08A	12-Oct-98	REG	2.0	0.8	2.0	1.0	0.5	6.9	87	5.0	2.0	2.0	0.8	420	0.5
COM08A	17-Sep-99	REG	1.6	0.9	0.8	1.0	1.0	4.1	89	3.2	5.0	1.2	1.3	580	0.5
COM08A	20-Dec-99	REG	1.5	0.8	0.9	1.0	0.5	2.3	78	3.7	5.0	1.1	0.8	420	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM08A	14-Feb-00	REG	1.3	0.7	1.0	1.0	0.5	3.2	78	3.9	5.0	0.5	1.0	330	0.5
COM08A	24-Apr-00	REG	1.4	1.3	1.3	1.3	1.3	2.0	86	13	13	1.3	6.1	380	1.3
COM08A	24-Jul-00	REG	1.6	1.3	1.3	1.3	1.3	2.3	110	13	13	1.3	1.5	440	1.3
COM08A	4-Oct-00	REG	1.3	1.3	1.3	1.3	1.3	1.5	100	13	13	1.3	1.7	370	1.3
COM08A	22-Jan-01	REG	2.5	2.5	2.5	2.5	2.5	2.5	71	25	25	2.5	2.5	530	2.5
COM08A	4-Apr-01	REG	1.0	1.0	1.0	1.0	1.0	1.9	57	10	10	1.0	3.7	320	1.0
COM08A	31-Jul-01	REG	1.1	1.0	1.0	1.0	1.0	1.9	64	10	10	1.0	2.1	360	1.0
COM08A	3-Oct-01	REG	1.3	1.0	1.0	1.0	1.0	2.4	72	10	10	2.5	3.3	400	1.0
COM08A	18-Apr-02	REG	1.1	1.0	1.0	1.0	1.0	1.8	56	10	10	1.5	3.1	380	1.0
COM08A	2-Oct-02	REG	1.3	1.3	1.3	1.3	1.3	2.7	46	13	13	1.3	3.8	430	1.3
COM08A	7-Apr-03	REG	1.7	1.7	1.9	1.7	1.7	2.2	40	17	17	1.7	1.7	390	1.7
COM08A	31-Oct-03	REG	2.0	1.3	1.3	1.3	1.3	1.7	46	13	13	1.3	1.6	350	1.3
COM08A	28-Apr-04	REG	1.3	1.3	1.3	1.3	1.3	1.7	42	13	13	1.3	1.3	330	1.3
COM08A	21-Oct-04	REG	1.7	1.7	1.7	1.7	1.7	1.7	36	17	17	1.7	1.7	280	1.7
COM08A	5-Apr-05	REG	1.7	1.7	1.7	1.7	1.7	1.7	34	17	17	1.7	1.7	270	1.7
COM08A	20-Oct-05	REG	1.7	1.7	1.7	1.7	1.7	1.7	34	17	17	1.7	1.7	320	1.7
COM08B2	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM08B2	16-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM08B2	14-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM08B2	1-Apr-90	REG	0.3	0.3	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM08B2	17-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM08B2	16-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM08B2	24-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM08B4	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM08B4	17-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM08B4	14-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM08B4	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	4.3	5.0	0.2	NT	0.5	0.3
COM08B4	17-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM08B4	16-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.4	0.2	NT	0.5	0.5
COM08B4	24-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM09B1	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM09B1	20-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM09B1	13-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	22	0.3
COM09B1	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	8.0	0.3
COM09B1	17-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	31	0.3
COM09B1	16-Apr-92	REG	3.0	4.0	3.0	10	3.0	2.0	NT	10	4.8	2.0	NT	30	5.0
COM09B1	24-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	14	5.2	5.0	0.5	0.5	170	0.5
COM09B1	24-Oct-97	REG	0.5	0.5	1.4	0.5	0.5	0.5	11	8.0	5.0	0.5	0.5	190	0.5
COM09B3	6-Apr-87	REG	140	0.5	9.1	0.5	0.5	0.5	NT	NT	0.5	2.0	4.6	6500	0.5
COM09B3	10-Jul-87	REG	5.0	5.0	2.0	5.0	5.0	5.0	NT	NT	5.0	5.0	5.0	3600	5.0
COM09B3	8-Oct-87	REG	18	0.5	0.2	0.5	0.5	0.5	NT	610	0.5	0.5	0.5	2600	0.5
COM09B3	16-Dec-87	REG	22	0.5	0.5	0.5	0.5	1.6	NT	2400	0.5	0.5	0.5	1900	0.5
COM09B3	16-Dec-87	REG	0.5	0.5	4.3	0.5	0.5	0.5	NT	1700	0.5	0.5	7.3	9500	0.5
COM09B3	6-Apr-88	REG	100	100	100	100	100	100	NT	1900	100	100	100	1600	100
COM09B3	6-Apr-88	REG	100	100	100	100	100	100	NT	2000	100	100	100	1500	100

Notes:

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NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM09B3	27-Jun-88	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	730	5.0	5.0	5.0	4100	10
COM09B3	6-Oct-88	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	880	5.0	5.0	5.0	3200	10
COM09B3	27-Dec-88	REG	21	0.5	0.5	0.5	0.5	0.5	NT	450	0.5	0.5	0.5	4800	1.0
COM09B3	16-Apr-91	REG	500	500	500	NT	500	500	NT	500	1000	500	NT	4700	1000
COM09B3	10-Jul-91	REG	3.0	4.0	9.8	10	3.0	8.4	NT	510	50	2.0	NT	3800	3.0
COM09B3	10-Oct-91	REG	12	16	12	40	12	8.0	12	500	200	8.0	NT	5000	12
COM09B3	7-Jan-92	REG	75	100	75	250	75	50	NT	600	1250	50	NT	2900	75
COM09B3	7-Jan-92	REG	75	100	75	250	75	50	NT	440	1250	50	NT	3100	75
COM09B3	17-Apr-92	REG	20	80	60	200	60	40	NT	490	100	40	NT	2700	100
COM09B3	17-Apr-92	REG	15	80	60	200	60	40	NT	340	100	40	NT	1700	100
COM09B3	9-Jul-92	REG	60	80	60	200	60	40	NT	310	180	40	NT	2300	60
COM09B3	6-Oct-92	REG	5.0	5.0	12	5.0	5.0	5.0	5.0	310	5.0	5.0	5.0	2100	5.0
COM09B3	8-Jan-93	REG	50	50	50	50	50	50	50	330	50	50	50	2900	50
COM09B3	13-Apr-93	REG	12	12	12	12	12	12	12	150	12	12	12	760	12
COM09B3	7-Jul-93	REG	50	50	50	50	50	50	50	430	50	50	50	2700	50
COM09B3	5-Oct-93	REG	25	25	25	25	25	25	25	300	25	25	25	2000	25
COM09B3	5-Oct-93	REG	25	25	25	25	25	25	25	360	25	25	25	2000	25
COM09B3	5-Jan-94	REG	50	50	50	50	50	50	50	300	50	50	50	2800	50
COM09B3	5-Apr-94	REG	50	50	50	50	50	50	50	50	50	50	50	2600	50
COM09B3	8-Jul-94	REG	25	25	25	25	25	25	25	280	79	25	25	2900	25
COM09B3	8-Jul-94	REG	25	25	25	25	25	25	25	260	25	25	25	2700	25
COM09B3	4-Oct-94	REG	25	25	25	25	25	25	25	340	25	25	25	3000	25
COM09B3	6-Jan-95	REG	50	100	50	100	100	100	50	330	100	50	100	2400	100
COM09B3	6-Jan-95	REG	100	50	100	50	50	50	100	360	50	100	50	2500	50
COM09B3	6-Apr-95	REG	50	50	73	50	50	50	50	350	50	50	50	2100	100
COM09B3	4-Oct-95	REG	25	25	25	25	25	25	25	330	25	25	25	2100	50
COM09B3	3-Apr-96	REG	25	25	25	25	25	25	25	190	50	25	25	1500	25
COM09B3	9-Oct-96	REG	50	50	50	50	50	50	50	240	100	50	50	1800	50
COM09B3	14-Apr-97	REG	50	53	50	50	50	50	50	240	100	50	50	1800	50
COM09B3	23-Oct-97	REG	0.5	0.5	9.0	0.5	0.5	0.5	4.5	290	5.0	0.5	0.5	2000	0.5
COM09B3	23-Oct-97	REG	0.5	0.5	9.3	0.5	0.5	0.5	4.6	290	5.0	0.5	0.5	2000	0.5
COM09B3	12-Oct-98	REG	1.0	0.5	9.0	1.0	0.5	0.5	5.2	150	2.0	0.7	0.5	1500	0.5
COM09B3	17-Sep-99	FD	0.5	0.5	6.4	1.0	2.0	0.5	4.8	120	5.0	0.5	0.5	1500	0.5
COM09B3	17-Sep-99	REG	0.5	0.5	6.4	1.0	0.9	0.5	4.8	120	5.0	0.5	0.5	1500	0.5
COM09B3	20-Dec-99	FD	1.0	1.0	6.0	2.0	1.0	1.0	5.0	140	10	1.0	1.0	1300	1.0
COM09B3	20-Dec-99	REG	5.0	5.0	5.0	10	5.0	5.0	5.0	150	50	5.0	5.0	1400	5.0
COM09B3	14-Feb-00	FD	0.5	0.5	5.0	1.0	0.5	0.5	5.2	140	5.0	0.5	0.5	1500	0.5
COM09B3	14-Feb-00	REG	0.5	0.5	4.9	1.0	0.5	0.5	4.7	140	5.0	0.5	0.5	1200	0.5
COM09B3	24-Apr-00	FD	4.2	4.2	4.3	4.2	4.2	4.2	4.7	130	42	4.2	4.2	1100	4.2
COM09B3	24-Apr-00	REG	5.0	5.0	6.9	5.0	5.0	5.0	5.1	140	50	5.0	5.0	1300	5.0
COM09B3	24-Jul-00	FD	5.0	5.0	5.6	5.0	5.0	5.0	5.3	150	50	5.0	5.0	1500	5.0
COM09B3	24-Jul-00	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.6	140	50	5.0	5.0	1500	5.0
COM09B3	4-Oct-00	FD	4.2	4.2	4.2	4.2	4.2	4.2	4.7	99	42	4.2	4.2	1100	4.2
COM09B3	4-Oct-00	REG	4.2	4.2	4.2	4.2	4.2	4.2	4.9	100	42	4.2	4.2	1200	4.2
COM09B3	22-Jan-01	FD	4.2	4.2	4.7	4.2	4.2	4.2	4.2	100	42	4.2	4.2	1100	4.2
COM09B3	22-Jan-01	REG	4.2	4.2	6.3	4.2	4.2	4.2	4.8	140	42	4.2	4.2	1200	4.2
COM09B3	4-Apr-01	FD	3.6	3.6	4.5	3.6	3.6	3.6	5.2	130	36	3.6	3.6	1200	3.6
COM09B3	4-Apr-01	REG	4.2	4.2	4.2	4.2	4.2	4.2	5.5	130	42	4.2	4.2	1100	4.2
COM09B3	30-Jul-01	FD	3.6	3.6	3.6	3.6	3.6	3.6	4.3	77	36	3.6	3.6	950	3.6

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM09B3	30-Jul-01	REG	1.3	1.3	1.5	1.3	1.3	1.3	2.3	69	13	1.3	1.3	470	1.3
COM09B3	3-Oct-01	FD	4.2	4.2	4.2	4.2	4.2	4.2	5.7	98	42	4.2	4.2	1100	4.2
COM09B3	3-Oct-01	REG	3.1	3.1	3.7	3.1	3.1	3.1	3.6	91	31	3.1	3.1	810	3.1
COM09B3	18-Apr-02	FD	3.1	3.1	4.7	3.1	3.1	3.1	4.8	110	31	3.1	3.1	1200	3.1
COM09B3	18-Apr-02	REG	3.1	3.1	5.1	3.1	3.1	3.1	4.3	100	31	3.1	3.1	1100	3.1
COM09B3	2-Oct-02	FD	3.1	3.1	3.1	3.1	3.1	3.1	3.5	83	31	3.1	3.1	960	3.1
COM09B3	2-Oct-02	REG	4.2	4.2	4.2	4.2	4.2	4.2	4.2	120	42	4.2	4.2	1300	4.2
COM09B3	7-Apr-03	FD	1.7	1.7	3.4	1.7	1.7	1.7	3.1	79	17	1.7	1.7	580	1.7
COM09B3	7-Apr-03	REG	4.2	4.2	5.3	4.2	4.2	4.2	4.2	85	42	4.2	4.2	800	4.2
COM09B3	31-Oct-03	FD	3.6	3.6	3.6	3.6	3.6	3.6	3.6	89	36	3.6	3.6	980	3.6
COM09B3	31-Oct-03	REG	3.6	3.1	3.8	3.1	3.1	3.1	4.5	59	31	3.1	3.1	960	3.1
COM09B3	28-Apr-04	FD	1.7	1.7	3.6	1.7	1.7	1.7	4.4	68	17	1.7	1.7	840	1.7
COM09B3	28-Apr-04	REG	3.1	3.1	3.2	3.1	3.1	3.1	3.8	57	31	3.1	3.1	830	3.1
COM09B3	21-Oct-04	FD2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	61	50	5.0	5.0	700	5.0
COM09B3	21-Oct-04	REG	4.2	4.2	4.2	4.2	4.2	4.2	4.2	57	42	4.2	4.2	800	4.2
COM09B3	5-Apr-05	FD	5.0	5.0	5.0	5.0	5.0	5.0	5.0	69	50	5.0	5.0	820	5.0
COM09B3	5-Apr-05	REG	6.3	6.3	6.3	6.3	6.3	6.3	6.3	63	63	6.3	6.3	800	6.3
COM09B3	20-Oct-05	FD	0.5	0.5	6.1	0.5	0.5	0.5	5.6	68	5.0	0.5	1.0	870	0.5
COM09B3	20-Oct-05	REG	6.3	6.3	6.3	6.3	6.3	6.3	6.3	70	63	6.3	6.3	870	6.3
COM09B4	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM09B4	20-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM09B4	13-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.9	0.3
COM09B4	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM09B4	17-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM09B4	16-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM09B4	24-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM10A	3-Apr-87	REG	16	2.8	2.7	0.5	0.5	0.5	NT	NT	0.5	0.5	4.4	140	0.5
COM10A	10-Jul-87	REG	5.0	3.7	2.0	5.0	5.0	5.0	NT	NT	5.0	5.0	3.9	180	0.5
COM10A	10-Jul-87	REG	17	5.0	2.6	0.5	0.5	44	NT	NT	0.5	0.5	22	410	5.0
COM10A	8-Oct-87	REG	11	2.1	3.1	0.5	0.5	0.5	NT	58	3.7	0.5	4.3	30	0.5
COM10A	11-Dec-87	REG	7.5	0.5	0.5	0.5	0.5	15	NT	37	0.5	0.5	3.8	210	0.5
COM10A	6-Apr-88	REG	10	0.5	0.5	0.5	0.5	8.0	NT	20	0.5	0.5	0.5	400	0.5
COM10A	6-Oct-88	REG	2.1	0.5	0.5	0.5	0.5	2.6	NT	3.9	0.5	0.5	0.5	200	1.0
COM10A	27-Dec-88	REG	0.7	0.5	0.5	0.5	0.5	2.0	NT	9.1	0.5	0.5	0.5	410	1.0
COM10A	6-Apr-89	REG	10	0.5	0.5	0.5	0.5	8.0	NT	20	0.5	0.5	0.5	400	0.5
COM10A	27-Jun-89	REG	3.0	0.5	2.0	0.5	0.5	0.5	NT	0.5	0.5	0.5	3.0	300	1.0
COM10A	24-Jan-92	REG	3.0	1.9	3.0	10	3.0	2.0	NT	10	50	2.0	NT	51	3.0
COM10A	17-Apr-92	REG	3.0	0.6	3.0	10	3.0	2.0	NT	0.9	4.0	2.0	NT	43	5.0
COM10A	10-Jul-92	REG	3.0	1.1	3.0	10	3.0	2.0	NT	10	14	2.0	NT	98	3.0
COM10A	8-Oct-92	REG	2.5	1.0	1.0	1.0	1.0	1.0	2.4	1.0	1.0	2.5	1.0	120	2.5
COM10A	8-Oct-92	REG	1.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.0	2.5	110	1.0
COM10A	8-Jan-93	REG	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.2	1.0	1.0	1.0	110	1.0
COM10A	13-Apr-93	REG	0.5	0.9	0.5	0.5	0.5	0.5	4.1	0.5	0.5	0.5	0.5	55	0.5
COM10A	9-Jul-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.8	2.5	2.5	2.5	2.5	100	2.5
COM10A	6-Oct-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	9.8	2.5	2.5	2.5	2.5	140	2.5
COM10A	6-Oct-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	9.4	2.5	2.5	2.5	2.5	160	2.5
COM10A	18-Jan-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	15	2.5	2.5	2.5	2.5	120	2.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

		Parameter	1,1,1-TRICHLORO-ETHANE	1,1-DICHLORO-ETHANE	1,1-DICHLORO-ETHENE	1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	CHLORO-FORM	CIS-1,2-DICHLORO-ETHENE	FREON 113	METHYLENE CHLORIDE	TETRA-CHLORO-ETHENE	TRANS-1,2-DICHLORO-ETHENE	TRI-CHLORO-ETHENE	VINYL CHLORIDE
		Units	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location	Date	Sample Purpose													
COM10A	8-Apr-94	REG	1.0	1.0	1.0	1.0	1.0	1.0	29	1.0	1.0	1.0	1.0	83	1.0
COM10A	8-Jul-94	REG	0.5	1.3	0.5	0.5	0.5	0.9	52	0.5	0.5	0.5	0.5	120	0.5
COM10A	5-Oct-94	REG	0.5	2.4	0.5	0.5	0.5	0.5	74	0.5	0.5	0.5	0.5	130	0.5
COM10A	6-Jan-95	REG	0.5	2.3	0.7	0.5	0.5	0.5	43	0.5	0.5	0.5	0.6	41	0.5
COM10A	10-Apr-95	REG	2.8	2.8	3.7	2.5	2.5	4.4	37	5.0	2.5	2.5	3.5	240	5.0
COM10A	12-Oct-95	REG	2.0	2.0	2.0	2.0	2.0	2.0	110	5.0	2.0	2.0	2.0	110	5.0
COM10A	9-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	120	2.5	5.0	2.5	2.5	40	2.5
COM10A	10-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	110	2.5	5.0	2.5	2.5	73	2.5
COM10A	16-Oct-97	REG	0.5	1.4	1.1	0.5	0.5	0.5	160	1.0	5.0	0.5	0.5	49	0.5
COM10A	20-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	5.5	98	5.0	2.0	0.5	0.5	63	0.5
COM10A	17-Sep-99	REG	0.5	1.6	0.5	1.0	2.6	0.5	180	0.5	5.0	0.5	7.1	66	0.5
COM10A	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	3.0	62	5.0	2.0	0.6	0.5	170	0.5
COM10A	14-Feb-00	REG	0.7	0.7	1.6	1.0	0.5	2.3	73	5.2	5.0	0.5	0.8	160	0.5
COM10A	24-Apr-00	REG	0.8	1.4	1.1	0.8	0.8	0.8	200	8.3	8.3	0.8	1.8	12	0.8
COM10A	24-Jul-00	REG	0.9	1.3	2.5	0.5	0.5	1.7	120	6.6	5.0	0.7	0.8	190	0.5
COM10A	4-Oct-00	REG	0.5	1.6	1.3	0.5	0.5	0.5	180	5.0	5.0	0.5	1.3	63	0.5
COM10A	22-Jan-01	REG	2.5	2.5	3.1	2.5	2.5	2.5	42	25	25	2.5	2.5	590	2.5
COM10A	4-Apr-01	REG	0.8	1.0	1.2	0.8	0.8	1.0	270	8.3	8.3	0.8	2.6	76	0.8
COM10A	30-Jul-01	REG	0.8	1.0	1.3	0.8	0.8	0.8	260	8.3	8.3	0.8	4.4	18	0.8
COM10A	3-Oct-01	REG	0.8	1.2	1.5	0.8	0.8	1.1	220	8.3	8.3	0.8	2.8	88	0.8
COM10A	18-Apr-02	REG	0.5	0.5	0.6	0.5	0.5	1.8	66	5.0	5.0	0.5	0.8	110	0.5
COM10A	2-Oct-02	REG	0.5	0.6	1.4	0.5	0.5	0.5	180	5.0	5.0	0.5	1.6	33	0.5
COM10A	7-Apr-03	REG	0.5	1.0	1.0	0.5	0.5	2.6	100	5.0	5.0	0.6	0.9	160	0.5
COM10A	31-Oct-03	REG	0.8	0.5	0.7	0.5	0.5	1.6	85	5.0	5.0	0.6	1.1	110	0.5
COM10A	28-Apr-04	REG	0.5	0.7	0.5	0.5	0.5	1.6	54	5.0	5.0	0.5	0.7	100	0.5
COM10A	21-Oct-04	REG	0.5	0.6	0.5	0.5	0.5	0.8	68	5.0	5.0	0.5	0.7	79	0.5
COM10A	5-Apr-05	REG	0.5	0.6	0.5	0.5	0.5	1.3	55	5.0	5.0	0.5	0.6	83	0.5
COM10A	20-Oct-05	REG	0.5	0.8	0.8	0.5	0.5	1.5	46	5.0	5.0	0.5	0.7	92	0.5
COM11A	2-Apr-87	REG	2.8	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.8	15	0.5
COM11A	8-Jul-87	REG	2.2	0.5	0.2	0.5	0.5	1.7	NT	NT	0.5	0.5	1.0	8.0	0.5
COM11A	9-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	2.8	5.9	0.5
COM11A	20-Dec-88	REG	5.2	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM11A	4-Apr-89	REG	0.5	0.4	0.3	1.0	0.3	0.7	NT	1.0	1.0	0.2	NT	3.8	0.3
COM11A	24-Jun-89	REG	4.0	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	5.0	1.0
COM11A	1-Oct-89	REG	1.3	0.4	0.3	1.0	0.3	0.4	NT	1.0	1.0	0.2	NT	2.6	0.3
COM11A	1-Apr-90	REG	1.3	0.4	0.3	1.0	0.3	0.6	NT	1.0	5.0	0.2	NT	2.9	0.3
COM11A	11-Oct-90	REG	1.4	0.4	0.3	1.0	0.3	0.7	NT	1.0	5.0	0.2	NT	2.8	0.3
COM11A	15-Apr-91	REG	0.9	0.4	0.3	1.0	0.3	0.4	NT	1.0	5.0	0.2	NT	3.0	0.3
COM11A	10-Oct-91	REG	1.2	0.4	0.3	1.0	0.3	0.5	NT	1.0	5.0	0.2	NT	3.1	0.3
COM11A	10-Apr-92	REG	0.4	0.4	0.3	1.0	0.3	0.6	NT	1.0	0.2	0.2	NT	3.4	0.5
COM11A	6-Oct-92	REG	1.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.8	0.5
COM11A	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.9	0.5
COM11A	6-Apr-94	REG	1.7	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.4	0.5
COM11A	7-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	1.9	1.0
COM11A	4-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	2.1	0.5
COM11A	10-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	2.3	0.5
COM11A	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.8	0.5	1.0	5.0	0.5	0.5	1.7	0.5
COM11A	23-Nov-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	1.0	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

		Parameter	1,1,1-TRICHLORO-ETHANE	1,1-DICHLORO-ETHANE	1,1-DICHLORO-ETHENE	1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	CHLORO-FORM	CIS-1,2-DICHLORO-ETHENE	FREON 113	METHYLENE CHLORIDE	TETRA-CHLORO-ETHENE	TRANS-1,2-DICHLORO-ETHENE	TRI-CHLORO-ETHENE	VINYL CHLORIDE
		Units	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location	Date	Sample Purpose													
COM11A	11-Nov-99	REG	0.6	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	1.4	0.5
COM11A	21-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.3	0.5
COM11A	16-Oct-00	REG	0.7	0.5	0.5	0.5	0.5	0.7	0.5	5.0	5.0	0.5	0.5	1.6	0.5
COM11A	11-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.6	0.5	5.0	5.0	0.5	0.5	0.9	0.5
COM11A	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.2	0.5
COM11A	25-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.3	0.5
COM11A	4-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.5	0.5
COM11A	20-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.1	0.5
COM11A	21-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.2	0.5
COM11B1	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM11B1	24-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM11B1	4-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM11B1	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM11B1	15-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM11B1	10-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM11B1	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM11B1	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.6	0.5
COM11B1	7-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM11B1	4-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM11B1	10-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM11B1	22-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM11B1	13-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	1.0	0.5
COM11B1	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM11B1	22-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM11B1	17-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM11B1	12-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM11B1	12-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM11B1	30-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM11B1	31-Oct-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM11B1	27-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM11B1	28-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM11B3	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM11B3	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM11B3	20-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM11B3	4-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM11B3	16-Aug-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	3.1	0.3
COM11B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM11B3	15-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM11B3	10-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM11B3	23-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	1.0	0.5
COM15B2	7-Apr-87	REG	190	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	7100	0.5
COM15B2	10-Jul-87	REG	50	50	20	50	50	50	NT	NT	50	50	50	2900	50
COM15B2	7-Oct-87	REG	6.2	0.5	0.2	0.5	0.5	0.5	NT	150	0.5	3.0	1.0	3200	0.5
COM15B2	16-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	85	0.5	0.5	0.5	480	0.5
COM15B2	6-Apr-88	REG	29	10	10	10	10	10	NT	270	39	10	10	3100	10
COM15B2	27-Jun-88	REG	39	5.0	5.0	5.0	5.0	5.0	NT	180	5.0	5.0	5.0	2500	10

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM15B2	6-Oct-88	REG	26	5.0	5.0	5.0	5.0	5.0	NT	180	5.0	5.0	5.0	2600	10
COM15B2	6-Oct-88	REG	23	5.0	5.0	5.0	5.0	5.0	NT	150	5.0	5.0	5.0	2400	10
COM15B2	20-Dec-88	REG	28	0.5	0.5	0.5	0.5	0.5	NT	50	0.5	0.5	0.5	2300	1.0
COM15B2	6-Mar-89	REG	17	4.0	3.0	10	3.0	2.0	NT	140	10	2.0	NT	1300	3.0
COM15B2	6-Apr-89	REG	67	80	60	200	15	40	NT	50	200	40	NT	1000	60
COM15B2	6-Apr-89	REG	60	20	15	50	60	10	NT	200	50	10	NT	1100	15
COM15B2	15-Aug-89	REG	45	60	45	150	45	30	NT	150	150	30	NT	3600	45
COM15B2	1-Oct-89	REG	260	80	60	200	60	40	NT	250	200	40	NT	2600	60
COM15B2	1-Jan-90	REG	75	100	75	250	75	50	NT	250	1250	50	NT	5200	75
COM15B2	1-Apr-90	REG	57	8.0	6.0	20	6.0	4.0	NT	430	100	4.0	NT	3700	6.0
COM15B2	1-Jul-90	REG	1.5	2.0	1.5	5.0	1.5	1.5	NT	5.0	50	1.0	NT	4000	3.0
COM15B2	1-Jul-90	REG	1.5	2.5	2.0	5.0	1.5	1.0	NT	5.0	50	1.0	NT	4400	3.0
COM15B2	8-Oct-90	REG	76	80	60	200	60	40	NT	200	1000	40	NT	1600	60
COM15B2	8-Jan-91	REG	4.0	4.0	3.0	10	3.0	2.0	NT	27	50	2.0	NT	460	3.0
COM15B2	10-Apr-91	REG	25	25	25	NT	25	25	NT	25	50	25	NT	540	50
COM15B2	9-Jul-91	REG	60	80	60	200	60	40	NT	200	1000	40	NT	430	60
COM15B2	8-Oct-91	REG	12	16	12	40	12	8.0	NT	40	200	8.0	NT	920	12
COM15B2	7-Jan-92	REG	15	20	15	50	15	10	NT	50	250	10	NT	450	15
COM15B2	9-Apr-92	REG	0.7	0.1	0.4	1.0	0.3	0.2	NT	7.2	0.3	0.5	NT	480	0.5
COM15B2	8-Jul-92	REG	15	20	15	50	15	10	NT	50	39	10	NT	420	15
COM15B2	6-Oct-92	REG	1.6	0.5	1.2	0.5	0.5	0.9	0.5	4.1	0.5	4.2	0.5	280	0.5
COM15B2	7-Jan-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	7.0	5.0	5.0	5.0	410	5.0
COM15B2	6-Apr-93	REG	10	10	10	10	10	10	10	10	10	10	10	310	10
COM15B2	6-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	340	5.0
COM15B2	6-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	340	5.0
COM15B2	11-Apr-95	REG	5.0	5.0	5.6	5.0	5.0	5.0	5.0	10	5.0	5.0	5.0	280	10
COM15B2	11-Apr-95	REG	5.0	5.0	5.5	5.0	5.0	5.0	5.0	10	5.0	5.0	5.0	280	10
COM15B2	4-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.2	10	5.0	5.0	210	5.0
COM15B2	4-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.2	10	5.0	5.0	220	5.0
COM15B2	10-Apr-97	REG	2.5	2.5	2.5	2.5	5.0	2.5	5.0	5.0	5.0	5.0	5.0	130	2.5
COM15B2	10-Apr-97	REG	5.0	5.0	5.0	5.0	2.5	5.0	2.5	2.5	10	2.5	2.5	170	5.0
COM15B2	17-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	150	0.5
COM15B2	7-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	7.0	2.0	0.5	0.5	170	0.5
COM15B2	22-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	7.5	5.0	0.5	0.5	200	0.5
COM15B2	27-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	7.2	5.0	0.5	0.5	180	0.5
COM15B2	21-Oct-00	REG	0.5	0.5	0.5	0.5	1.0	0.5	0.5	5.0	5.0	0.5	0.5	130	0.5
COM15B2	14-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.1	5.0	0.5	0.5	140	0.5
COM15B2	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	5.6	5.0	0.5	0.5	110	0.5
COM15B2	1-Nov-02	REG	1.3	1.3	1.3	1.3	1.3	1.3	4.4	34	13	1.3	1.3	230	1.3
COM15B2	4-Nov-03	REG	1.3	1.0	1.0	1.0	1.0	1.0	4.6	22	10	1.0	1.0	230	1.5
COM15B2	29-Oct-04	REG	2.0	2.0	2.0	2.0	2.0	2.0	7.0	37	20	2.0	2.0	300	2.0
COM15B2	1-Nov-05	REG	3.1	3.1	3.1	3.1	3.1	3.1	12	140	31	3.1	3.1	670	4.3
COM15B3	6-Apr-87	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	NT	5.0	5.0	5.0	6000	5.0
COM15B3	10-Jul-87	REG	50	50	20	50	50	50	NT	NT	50	50	50	3000	50
COM15B3	7-Oct-87	REG	9.6	1.0	0.2	0.5	0.5	0.5	NT	480	0.5	5.2	1.8	7100	0.5
COM15B3	15-Dec-87	REG	3.8	1.4	1.1	0.5	0.5	0.5	NT	520	0.5	2.9	0.5	5000	0.5
COM15B3	7-Apr-88	REG	10	10	10	10	23	10	NT	350	10	10	10	3600	10
COM15B3	7-Apr-88	REG	10	10	10	10	10	10	NT	400	10	10	10	3700	10

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM15B3	24-Jun-88	REG	50	50	50	50	50	50	NT	850	50	50	50	5800	100
COM15B3	4-Oct-88	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	680	5.0	5.0	5.0	5500	10
COM15B3	20-Dec-88	REG	9.0	0.5	0.5	0.5	0.5	0.5	NT	2000	0.5	0.5	0.5	9200	1.0
COM15B3	6-Mar-89	REG	60	80	60	200	60	40	NT	1000	200	40	NT	6900	60
COM15B3	6-Mar-89	REG	60	80	60	200	60	40	NT	850	200	40	NT	6800	60
COM15B3	6-Apr-89	REG	30	40	30	50	30	20	NT	590	50	10	NT	6200	30
COM15B3	6-Apr-89	REG	15	20	15	100	15	10	NT	510	100	20	NT	4200	15
COM15B3	15-Aug-89	REG	75	100	75	250	75	50	NT	250	250	50	NT	4500	75
COM15B3	1-Oct-89	REG	75	100	75	250	75	50	NT	250	250	50	NT	3500	75
COM15B3	1-Jan-90	REG	75	200	150	250	75	50	NT	250	1250	100	NT	1900	150
COM15B3	1-Jan-90	REG	150	100	75	500	150	100	NT	510	2500	50	NT	6200	75
COM15B3	1-Apr-90	REG	10	8.0	6.0	20	6.0	4.0	NT	110	100	4.0	NT	1600	6.0
COM15B3	1-Apr-90	REG	12	8.0	6.0	20	6.0	4.0	NT	160	100	4.0	NT	1300	6.0
COM15B3	1-Jul-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	1900	30
COM15B3	8-Oct-90	REG	280	80	60	200	60	40	NT	960	1000	40	NT	2400	60
COM15B3	8-Oct-90	REG	60	80	60	200	60	40	NT	200	1000	40	NT	2700	60
COM15B3	8-Jan-91	REG	9.5	4.0	3.0	10	3.0	2.0	NT	410	50	2.7	NT	2100	3.0
COM15B3	8-Jan-91	REG	12	4.0	3.0	10	3.0	2.0	NT	240	50	3.1	NT	3700	3.0
COM15B3	10-Apr-91	REG	25	25	25	NT	25	25	NT	27	50	25	NT	520	50
COM15B3	9-Jul-91	REG	60	160	60	400	60	80	NT	600	1000	80	NT	8600	120
COM15B3	9-Jul-91	REG	120	80	120	100	120	40	NT	720	2000	40	NT	7000	60
COM15B3	8-Oct-91	REG	120	160	120	400	120	80	NT	1000	2000	80	NT	9900	120
COM15B3	7-Jan-92	REG	11	40	30	100	30	20	NT	1100	500	20	NT	6900	30
COM15B3	9-Apr-92	REG	15	20	15	50	15	10	NT	20	15	10	NT	910	25
COM15B3	8-Jul-92	REG	60	80	91	200	60	40	NT	310	120	40	NT	2700	60
COM15B3	6-Oct-92	REG	10	10	10	10	10	10	10	640	10	10	10	5300	10
COM15B3	7-Jan-93	REG	50	50	50	50	50	50	50	140	50	50	50	1900	50
COM15B3	8-Apr-93	REG	25	25	25	25	25	25	25	120	25	25	25	1600	25
COM15B3	6-Apr-94	REG	50	50	50	50	50	50	50	400	50	50	50	4100	50
COM15B3	6-Apr-94	REG	50	50	50	50	50	50	50	400	50	50	50	3900	50
COM15B3	11-Apr-95	REG	10	10	10	10	50	50	10	100	10	10	13	790	20
COM15B3	11-Apr-95	REG	50	50	50	50	10	10	50	69	50	50	50	710	100
COM15B3	4-Apr-96	REG	10	10	10	10	10	10	10	51	20	10	10	510	10
COM15B3	4-Apr-96	REG	10	10	10	10	10	10	10	56	20	10	10	490	10
COM15B3	10-Apr-97	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	10	5.0	5.0	150	5.0
COM15B3	10-Apr-97	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	10	5.0	5.0	180	5.0
COM15B3	17-Oct-97	REG	0.5	0.5	1.4	0.5	0.5	0.5	1.6	50	5.0	0.5	0.5	530	0.5
COM15B3	7-Oct-98	FD	1.0	0.5	2.0	1.0	0.5	0.5	0.9	16	2.0	0.5	0.5	290	0.5
COM15B3	7-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	1.0	16	2.0	0.5	0.5	320	0.5
COM15B3	15-Nov-99	FD	0.5	0.5	10	1.0	0.5	0.5	25	200	5.0	1.8	5.0	2700	0.5
COM15B3	15-Nov-99	REG	10	10	10	20	10	10	20	160	100	1.6	10	2000	10
COM15B3	27-Apr-00	FD	1.0	1.0	1.0	1.0	1.0	1.0	2.0	10	10	1.0	1.0	210	1.0
COM15B3	27-Apr-00	REG	0.5	0.5	0.8	0.5	0.5	0.5	2.0	12	5.0	0.5	0.6	200	0.5
COM15B3	21-Oct-00	FD	4.2	4.2	4.2	4.2	4.2	4.2	5.4	66	42	4.2	4.2	1000	4.2
COM15B3	21-Oct-00	REG	4.2	4.2	4.2	4.2	4.2	4.2	8.2	110	42	4.2	4.2	1500	4.2
COM15B3	14-Apr-01	FD	0.5	0.5	0.5	0.5	0.5	0.5	0.8	9.5	5.0	0.5	0.5	170	0.5
COM15B3	14-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.8	13	5.0	0.5	0.5	140	0.5
COM15B3	17-Oct-01	FD	3.1	3.1	3.1	3.1	3.1	3.1	4.2	100	31	3.1	3.1	860	3.1
COM15B3	17-Oct-01	REG	3.6	3.6	3.6	3.6	3.6	3.6	4.6	120	36	3.6	3.6	1000	3.6

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM15B3	1-Nov-02	FD	3.1	3.1	3.1	3.1	3.1	3.1	4.9	42	31	3.1	3.1	790	3.1
COM15B3	1-Nov-02	REG	4.2	4.2	4.2	4.2	4.2	4.2	4.2	42	42	4.2	4.2	750	4.2
COM15B3	4-Nov-03	FD	0.5	0.5	0.5	0.5	0.5	0.5	0.8	8.6	5.0	0.5	0.5	170	0.5
COM15B3	4-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.8	7.9	5.0	0.5	0.5	200	0.5
COM15B3	29-Oct-04	FD	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	2.5	350	2.5
COM15B3	29-Oct-04	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.7	25	25	2.5	2.5	330	2.5
COM15B3	1-Nov-05	FD	5.0	5.0	5.0	5.0	5.0	5.0	5.0	69	50	5.0	5.0	600	5.0
COM15B3	1-Nov-05	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.9	50	50	5.0	5.0	770	5.0
COM15B4	2-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	1.1	0.5
COM15B4	8-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.7	NT	NT	0.5	0.5	0.5	1.7	0.5
COM15B4	9-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.8	0.5
COM15B4	24-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM15B4	20-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM15B4	6-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM15B4	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM15B4	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM15B4	15-Oct-90	REG	0.4	0.4	0.3	1.0	0.3	0.4	NT	1.0	5.0	0.2	NT	0.5	0.3
COM15B4	10-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM15B4	8-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM15B4	9-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.2	0.2	NT	0.5	0.5
COM15B4	6-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM15B4	6-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM15B4	6-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM15B4	11-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM15B4	4-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM15B4	10-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM15B4	17-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM15B4	13-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM15B4	11-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM15B4	26-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM15B4	16-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM15B4	11-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM15B4	13-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM15B4	30-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM15B4	3-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM15B4	28-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM15B4	28-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM16A	3-Apr-87	REG	6.8	0.8	4.4	0.5	0.5	0.5	NT	NT	0.5	0.5	0.7	95	0.5
COM16A	10-Jul-87	REG	5.0	5.0	2.0	5.0	5.0	5.0	NT	NT	5.0	5.0	5.0	530	5.0
COM16A	8-Oct-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	1.4	0.5	0.5	0.5	0.5	0.5
COM16A	8-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	19	0.5
COM16A	6-Apr-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	34	0.5
COM16A	6-Oct-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	7.6	1.0
COM16A	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	6.4	1.0
COM16A	6-Apr-89	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	34	0.5
COM16A	24-Jun-89	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	9.0	1.0
COM16A	1-Apr-90	REG	3.3	1.1	4.2	1.0	0.3	1.4	NT	15	5.0	0.2	NT	24	0.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM16A	1-Jul-90	REG	6.3	1.8	5.6	2.0	0.6	1.9	NT	24	10	0.4	NT	50	0.6
COM16A	11-Oct-90	REG	4.8	2.6	1.5	5.0	1.5	4.0	NT	25	25	1.0	NT	75	1.5
COM16A	9-Jan-91	REG	5.3	4.0	3.0	10	3.0	3.1	NT	22	50	2.0	NT	65	3.0
COM16A	11-Apr-91	REG	5.1	5.0	5.3	NT	5.0	5.0	NT	5.0	10	5.0	NT	210	10
COM16A	9-Jul-91	REG	5.8	2.1	6.5	2.0	0.6	1.2	NT	27	10	0.4	NT	330	0.6
COM16A	4-Oct-91	REG	4.5	4.0	4.5	10	3.0	2.0	3.0	36	50	2.0	NT	150	3.0
COM16A	24-Jan-92	REG	6.8	1.8	11	10	3.0	1.8	NT	99	50	2.6	NT	2300	3.2
COM16A	9-Apr-92	REG	3.1	1.5	4.6	1.0	0.3	3.3	NT	12	0.3	0.2	NT	200	0.5
COM16A	9-Apr-92	REG	2.9	1.5	5.0	1.0	0.3	3.2	NT	10	0.3	0.2	NT	200	0.5
COM16A	8-Jul-92	REG	15	20	15	50	15	10	NT	20	37	10	NT	220	15
COM16A	8-Oct-92	REG	4.5	2.5	5.5	2.5	2.5	2.5	5.5	26	2.5	2.5	2.5	130	2.5
COM16A	8-Jan-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	16	11	5.0	5.0	5.0	320	5.0
COM16A	8-Jan-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	16	11	5.0	5.0	5.0	310	5.0
COM16A	12-Apr-93	REG	10	10	10	10	10	10	30	40	10	10	10	340	10
COM16A	12-Apr-93	REG	10	10	10	10	10	10	28	40	10	10	10	340	10
COM16A	7-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	23	27	5.0	5.0	5.0	320	5.0
COM16A	5-Oct-93	REG	3.3	2.5	3.4	2.5	2.5	2.5	30	13	2.5	2.5	2.5	280	2.5
COM16A	5-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	36	15	5.0	5.0	5.0	350	5.0
COM16A	5-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	34	14	5.0	5.0	5.0	290	5.0
COM16A	7-Jul-94	REG	2.5	2.5	4.0	2.5	2.5	2.5	48	13	2.5	2.5	2.5	500	2.5
COM16A	4-Oct-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	46	9.7	5.0	5.0	5.0	390	5.0
COM16A	6-Jan-95	REG	10	10	10	10	10	10	48	11	10	10	10	300	10
COM16A	10-Apr-95	REG	5.0	5.0	6.6	5.0	5.0	9.0	16	10	5.0	5.0	6.3	190	10
COM16A	4-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	42	13	5.0	5.0	5.0	270	10
COM16A	2-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	63	10	11	5.0	5.0	280	5.0
COM16A	9-Oct-96	REG	5.0	5.0	5.0	5.0	5.0	6.0	66	9.5	10	5.0	5.0	170	5.0
COM16A	9-Apr-97	REG	5.0	5.0	5.0	5.0	5.0	5.0	64	6.3	10	5.0	5.0	240	5.0
COM16A	14-Oct-97	REG	1.1	0.5	2.9	0.5	0.5	1.9	73	8.2	5.0	0.5	0.5	250	0.5
COM16A	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	14	38	5.0	2.0	0.5	0.5	120	0.5
COM16A	17-Sep-99	REG	0.6	0.5	1.2	1.0	1.0	3.8	98	6.0	5.0	0.5	0.5	190	0.5
COM16A	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	3.5	71	5.0	2.0	0.5	0.5	170	0.5
COM16A	14-Feb-00	REG	0.7	0.7	1.6	1.0	0.5	2.4	73	5.1	5.0	0.5	0.7	160	0.5
COM16A	24-Apr-00	REG	0.9	0.9	2.0	0.5	0.5	1.8	68	5.5	5.0	0.9	0.8	180	0.5
COM16A	24-Jul-00	REG	1.0	1.0	1.2	1.0	1.0	1.8	83	10	10	1.0	4.5	210	1.0
COM16A	4-Oct-00	REG	0.7	0.8	1.1	0.7	0.7	1.2	70	7.1	7.1	0.8	3.2	170	0.7
COM16A	22-Jan-01	REG	0.6	1.1	3.3	0.5	0.5	1.9	120	9.0	5.0	0.5	0.6	140	0.5
COM16A	4-Apr-01	REG	0.5	0.7	2.0	0.5	0.5	1.4	69	5.0	5.0	0.5	0.5	110	0.5
COM16A	30-Jul-01	REG	0.5	0.7	1.5	0.5	0.5	1.4	64	5.0	5.0	0.5	0.6	99	0.5
COM16A	3-Oct-01	REG	0.5	0.9	2.8	0.5	0.5	1.7	97	5.8	5.0	0.5	0.6	120	0.5
COM16A	18-Apr-02	REG	0.5	0.5	1.0	0.5	0.5	1.5	32	5.0	5.0	0.5	0.5	100	0.5
COM16A	2-Oct-02	REG	0.5	0.5	0.8	0.5	0.5	0.6	35	5.0	5.0	0.5	0.5	72	0.5
COM16A	7-Apr-03	REG	0.5	0.5	1.0	0.5	0.5	2.1	21	5.0	5.0	0.5	0.5	100	0.5
COM16A	31-Oct-03	REG	0.7	0.5	0.8	0.5	0.5	0.7	28	5.0	5.0	0.5	0.5	64	0.5
COM16A	28-Apr-04	REG	0.5	0.5	0.5	0.5	0.5	0.8	9.7	5.0	5.0	0.5	0.5	50	0.5
COM16A	21-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	11	5.0	5.0	0.5	0.5	42	0.5
COM16A	5-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	4.9	5.0	5.0	0.5	0.5	32	0.5
COM16A	20-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	2.7	5.0	5.0	0.5	0.5	30	0.5
COM17A	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM18B2H	17-Aug-89	REG	3.0	4.0	3.0	10	3.0	2.0	NT	28	1.0	2.0	NT	420	3.0
COM18B2H	1-Oct-89	REG	15	20	15	50	15	10	NT	110	50	10	NT	970	15
COM18B2H	1-Jan-90	REG	30	40	30	100	30	20	NT	160	500	20	NT	1100	30
COM18B2H	1-Apr-90	REG	25	25	25	25	25	25	NT	25	50	25	NT	2100	50
COM18B2H	1-Jul-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	690	30
COM18B2H	8-Oct-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	830	30
COM18B2H	8-Oct-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	900	30
COM18B2H	8-Jan-91	REG	3.0	4.0	3.0	10	3.0	2.0	NT	62	50	2.0	NT	480	3.0
COM18B2H	9-Apr-91	REG	30	40	30	NT	30	20	NT	100	500	20	NT	680	30
COM18B2H	9-Apr-91	REG	30	40	30	NT	30	20	NT	100	500	20	NT	570	30
COM18B2H	9-Jul-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	850	30
COM18B2H	8-Oct-91	REG	12	16	12	40	12	8.0	NT	79	200	8.0	NT	1000	12
COM18B2H	7-Jan-92	REG	15	20	15	50	15	10	NT	77	250	10	NT	900	15
COM18B2H	16-Apr-92	REG	2.6	20	15	50	15	10	NT	69	36	10	NT	600	25
COM18B2H	8-Jul-92	REG	15	20	15	50	15	10	NT	58	12	10	NT	530	15
COM18B2H	12-Oct-92	REG	10	10	10	10	10	10	10	72	10	10	10	660	10
COM18B2H	7-Jan-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	47	5.0	5.0	5.0	590	5.0
COM18B2H	12-Apr-93	REG	10	10	10	10	10	10	10	48	10	10	10	380	10
COM18B2H	8-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	100	5.0	5.0	5.0	550	5.0
COM18B2H	6-Oct-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	22	5.0	5.0	5.0	270	5.0
COM18B2H	5-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	87	5.0	5.0	5.0	580	5.0
COM18B2H	7-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	59	5.0	5.0	5.0	360	5.0
COM18B2H	7-Jul-94	REG	10	10	10	10	10	10	10	81	10	10	10	570	10
COM18B2H	5-Oct-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	73	5.0	5.0	5.0	470	5.0
COM18B2H	6-Jan-95	REG	10	10	10	10	10	10	10	66	10	10	10	450	10
COM18B2H	6-Jan-95	REG	10	10	10	10	10	10	10	73	10	10	10	430	10
COM18B2H	13-Apr-95	REG	5.0	5.0	8.8	5.0	5.0	5.0	5.0	71	5.0	5.0	5.0	410	10
COM18B2H	5-Oct-95	REG	10	10	10	10	10	10	10	70	10	10	10	380	20
COM18B2H	2-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	37	10	5.0	5.0	270	5.0
COM18B2H	9-Oct-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	27	10	5.0	5.0	260	5.0
COM18B2H	15-Apr-97	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	20	10	5.0	5.0	240	5.0
COM18B2H	16-Oct-97	REG	0.5	0.5	1.6	0.5	0.5	0.5	0.5	41	5.0	0.5	0.5	320	0.5
COM18B2H	12-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	29	2.0	0.5	0.5	190	0.5
COM18B2H	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	25	0.5	0.5	0.5	230	0.5
COM18B2H	1-May-00	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	25	10	1.0	1.0	210	1.0
COM18B2H	21-Oct-00	REG	0.7	0.7	0.7	0.7	0.7	0.7	0.7	14	7.1	0.7	0.7	180	0.7
COM18B2H	17-Apr-01	REG	0.7	0.7	0.7	0.7	0.7	0.7	0.7	24	7.1	0.7	0.7	180	0.7
COM18B2H	19-Oct-01	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	10	1.0	1.0	200	1.0
COM18B2H	5-Nov-02	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12	10	1.0	1.0	180	1.0
COM18B2H	10-Nov-03	REG	0.6	0.5	0.5	0.5	0.5	0.5	0.5	16	5.0	0.5	0.5	160	0.5
COM18B2H	1-Nov-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	17	5.0	0.5	0.5	110	0.5
COM18B2H	27-Oct-05	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11	10	1.0	1.0	150	1.0
COM18B2	16-Apr-92	REG	15	20	15	50	15	10	NT	69	36	10	NT	600	25
COM18B2	8-Jul-92	REG	15	20	15	50	15	10	NT	58	12	10	NT	530	15
COM19A	16-Oct-97	REG	0.5	2.7	2.4	0.5	0.5	0.5	53	1.0	5.0	0.5	0.5	27	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM27AH	3-Apr-87	REG	14	2.0	2.3	0.5	0.5	0.5	NT	NT	0.5	0.5	11	120	0.5
COM27AH	8-Jul-87	REG	12	1.1	4.7	0.5	0.5	0.5	NT	NT	0.5	0.5	18	330	0.5
COM27AH	6-Oct-87	REG	13	3.2	3.9	0.5	0.5	5.0	NT	31	0.5	0.5	13	290	0.5
COM27AH	11-Dec-87	REG	6.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	300	0.5
COM27AH	7-Apr-88	REG	7.0	3.0	3.0	0.5	0.5	3.0	NT	20	0.5	0.5	0.5	280	0.5
COM27AH	6-Oct-88	REG	4.9	0.5	0.5	0.5	0.5	4.0	NT	8.8	0.5	0.5	7.4	200	1.0
COM27AH	20-Dec-88	REG	11	1.9	4.3	0.5	0.5	6.6	12	26	0.5	0.5	0.5	410	1.0
COM27AH	7-Mar-89	REG	8.6	4.0	3.0	10	3.0	5.3	NT	14	10	2.0	NT	210	3.0
COM27AH	5-Apr-89	REG	1.5	2.0	1.5	5.0	1.5	4.5	NT	5.0	5.0	1.0	NT	120	1.5
COM27AH	7-Apr-89	REG	7.0	3.0	3.0	0.5	0.5	3.0	NT	20	0.5	0.5	0.5	280	0.5
COM27AH	24-Jun-89	REG	7.0	0.5	0.5	0.5	0.5	0.5	NT	15	0.5	0.5	7.0	150	1.0
COM27AH	17-Aug-89	REG	3.0	4.0	3.0	10	3.0	2.0	NT	10	10	2.0	NT	250	3.0
COM27AH	1-Oct-89	REG	4.4	4.0	4.4	10	3.0	2.0	NT	11	10	2.0	NT	120	3.0
COM27AH	1-Jan-90	REG	1.5	2.0	1.5	5.0	1.5	2.3	NT	15	25	1.0	NT	110	1.5
COM27AH	1-Apr-90	REG	7.6	8.0	6.0	20	6.0	8.7	NT	20	100	4.0	NT	120	6.0
COM27AH	1-Jul-90	REG	6.0	2.0	1.5	5.0	1.5	5.2	NT	6.1	25	1.0	NT	110	1.5
COM27AH	9-Oct-90	REG	2.7	0.9	0.7	2.0	0.6	2.6	NT	2.0	10	0.4	NT	89	0.6
COM27AH	8-Jan-91	REG	3.0	4.0	3.0	10	3.0	3.8	NT	10	50	2.0	NT	55	3.0
COM27AH	10-Apr-91	REG	3.0	4.0	3.0	10	3.0	2.0	NT	10	50	2.0	NT	84	3.0
COM27AH	9-Jul-91	REG	3.0	4.0	3.0	10	3.0	3.0	NT	10	50	2.0	NT	190	3.0
COM27AH	8-Oct-91	REG	3.0	4.0	3.0	10	3.0	3.1	NT	10	50	2.0	NT	240	3.0
COM27AH	7-Jan-92	REG	15	20	15	50	15	10	NT	50	250	10	NT	100	15
COM27AH	8-Apr-92	REG	1.7	4.0	3.0	10	3.0	5.4	NT	10	2.2	2.0	NT	110	5.0
COM27AH	9-Jul-92	REG	2.2	4.0	3.0	10	3.0	6.5	NT	10	7.2	2.0	NT	100	3.0
COM27AH	7-Oct-92	REG	1.0	1.0	1.0	1.0	1.0	3.6	4.0	1.0	1.0	1.0	1.0	110	1.0
COM27AH	7-Jan-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	110	2.5
COM27A	8-Apr-92	REG	3.0	4.0	3.0	10	3.0	5.4	NT	10	2.2	2.0	NT	110	5.0
COM27A	9-Jul-92	REG	2.2	4.0	3.0	10	3.0	6.5	NT	10	7.2	2.0	NT	100	3.0
COM28B2	14-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM28B2	10-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM28B2	16-Aug-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	1.0	0.3
COM28B2	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM28B2	11-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM28B2	17-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM28B2	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM28B2	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM28B2	12-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM28B2	5-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM28B2	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM28B2	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM28B2	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM28B2	15-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM28B2	21-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	1.5
COM28B2	19-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM28B2	13-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM28B2	13-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM28B2	30-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM28B2	3-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM28B2	26-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM28B2	31-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM29A2	8-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM29A2	12-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM29A2	16-Jun-89	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM29A2	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29A2	17-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29A2	10-Apr-92	REG	0.0	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.8	0.2	NT	0.5	0.5
COM29A2	17-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM29A	31-Mar-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	1.0	0.5
COM29A	7-Jul-87	REG	0.8	0.5	0.2	0.5	0.5	1.0	NT	NT	0.5	0.5	0.5	1.5	0.5
COM29A	8-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.8	NT	1.9	0.5	0.5	0.5	2.6	0.5
COM29A	5-Jan-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	3.4	1.0
COM29A	12-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	4.2	0.3
COM29A	20-Jun-89	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	4.0	1.0
COM29A	20-Jun-89	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	4.0	1.0
COM29A	16-Aug-89	REG	0.3	0.4	0.3	1.0	0.3	2.2	NT	1.0	1.0	0.2	NT	7.6	0.3
COM29A	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.5	NT	1.0	1.0	0.2	NT	6.8	0.3
COM29A	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.6	NT	1.0	1.0	0.2	NT	6.0	0.3
COM29A	1-Apr-90	REG	0.3	0.4	1.4	1.0	0.3	0.6	NT	1.0	5.0	0.2	NT	7.2	0.3
COM29A	8-Oct-90	REG	0.3	0.4	0.4	1.0	0.3	0.5	NT	1.0	6.0	0.2	NT	8.7	0.3
COM29A	17-Apr-91	REG	0.4	0.4	0.3	1.0	0.3	0.8	NT	1.0	5.0	0.2	NT	18	0.3
COM29A	17-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29A	11-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.5	0.3	2.0	5.0	0.2	NT	27	0.3
COM29A	10-Apr-92	REG	3.0	4.0	3.0	10	3.0	2.0	NT	2.8	12	2.0	NT	23	5.0
COM29A	7-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	17	0.5
COM29A	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.9	1.0	2.2	0.5	0.5	0.5	33	0.5
COM29A	5-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	2.5	0.5	0.5	0.5	25	0.5
COM29A	12-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.3	0.5	0.5	0.5	25	1.0
COM29A	3-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	1.5	1.0	0.5	0.5	32	0.5
COM29A	9-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.5	1.0	0.5	0.5	27	0.5
COM29A	17-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.8	0.5	1.0	5.0	0.5	0.5	45	0.5
COM29A	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.9	0.5	5.0	2.0	0.5	0.5	43	0.5
COM29A	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	120	0.5
COM29A	1-May-00	REG	0.5	0.5	0.5	0.5	0.5	0.6	0.6	5.0	5.0	0.5	0.5	34	0.5
COM29A	21-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.6	0.6	5.0	5.0	0.5	0.5	33	0.5
COM29A	17-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.6	0.7	5.0	5.0	0.5	0.5	32	0.5
COM29A	18-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.6	0.7	5.0	5.0	0.5	0.5	38	0.5
COM29A	5-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM29A	6-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM29A	19-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.6	0.7	5.0	5.0	0.5	0.5	31	0.5
COM29A	26-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.6	0.5	5.0	5.0	0.5	0.5	32	0.5
COM29B1	8-Oct-89	REG	5.0	5.0	5.0	NT	5.0	5.0	NT	5.0	10	5.0	NT	5.0	10
COM29B1	1-Jan-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29B1	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3

Notes:
ND - denotes result was below the detection limit
NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM29B1	1-Jul-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29B1	8-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29B1	9-Jan-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29B1	17-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29B1	9-Jul-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29B1	11-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	0.3	1.0	5.0	0.2	NT	0.5	0.3
COM29B1	8-Jan-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM29B1	10-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.8	0.2	NT	0.2	0.5
COM29B1	8-Jul-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.3
COM29B1	7-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM29B1	7-Jan-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM29B1	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM29B1	5-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM29B1	12-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM29B1	3-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM29B1	9-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM29B1	17-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM29B1	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM29B1	15-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM29B1	25-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM29B1	19-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM29B1	16-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM29B1	16-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM29B1	1-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.6	0.5
COM29B1	7-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.6	0.5
COM29B1	1-Nov-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM29B1	25-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM29B2	10-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.8	0.2	NT	0.5	0.5
COM31B1	6-Apr-87	REG	100	0.5	14	0.5	0.5	0.5	NT	NT	0.5	8.5	6.4	8300	0.5
COM31B1	10-Jul-87	REG	110	5.0	14	5.0	5.0	5.0	NT	NT	5.0	8.8	32	2200	5.0
COM31B1	8-Oct-87	REG	21	0.5	4.0	0.5	0.5	0.5	NT	270	0.5	10	0.5	2300	0.5
COM31B1	16-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	1300	0.5	0.5	0.5	7900	0.5
COM31B1	6-Apr-88	REG	73	10	10	10	10	10	NT	460	10	10	10	9500	10
COM31B1	27-Jun-88	REG	5.0	5.0	22	5.0	5.0	5.0	NT	260	5.0	5.0	33	6800	10
COM31B1	6-Oct-88	REG	8.0	0.5	0.5	0.5	0.5	0.5	NT	87	0.5	0.5	0.5	8300	10
COM31B1	27-Dec-88	REG	7.0	0.5	0.5	0.5	0.5	0.5	NT	52	0.5	33	69	6800	1.0
COM31B1	27-Dec-88	REG	7.0	0.5	0.5	0.5	0.5	0.5	NT	61	0.5	30	68	6800	1.0
COM31B1	1-Oct-89	REG	60	80	60	200	60	40	NT	200	200	40	NT	3600	60
COM31B1	1-Jan-90	REG	30	40	30	100	30	20	NT	330	500	20	NT	3500	30
COM31B1	1-Apr-90	REG	125	125	125	125	125	125	NT	125	250	125	NT	6700	250
COM31B1	1-Jul-90	REG	1.5	2.0	1.5	5.0	1.5	1.0	NT	5.0	50	1.0	NT	3500	3.0
COM31B1	11-Oct-90	REG	1700	100	75	250	75	50	NT	250	1250	50	NT	2400	75
COM31B1	11-Oct-90	REG	75	110	75	250	75	50	NT	250	1250	51	NT	2400	75
COM31B1	9-Jan-91	REG	150	200	150	500	150	100	NT	500	2500	100	NT	1100	150
COM31B1	11-Apr-91	REG	25	25	25	NT	25	25	NT	190	50	25	NT	3000	50
COM31B1	10-Jul-91	REG	30	40	60	100	60	40	NT	200	1000	20	NT	3700	60
COM31B1	10-Jul-91	REG	60	80	30	200	30	20	NT	100	500	40	NT	3400	30

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM31B1	4-Oct-91	REG	30	40	30	100	30	20	30	130	500	20	NT	2800	30
COM31B1	7-Jan-92	REG	75	100	75	250	75	50	NT	93	1250	50	NT	2100	75
COM31B1	16-Apr-92	REG	60	80	60	200	60	40	NT	100	110	40	NT	2200	100
COM31B1	8-Jul-92	REG	60	80	60	200	60	40	NT	99	110	40	NT	1900	60
COM31B1	8-Jul-92	REG	60	80	90	200	60	40	NT	110	53	40	NT	2300	60
COM31B1	8-Oct-92	REG	25	25	25	25	25	25	25	160	25	25	25	1700	25
COM31B1	8-Jan-93	REG	25	25	25	25	25	25	25	75	25	25	25	2000	25
COM31B1	8-Jan-93	REG	25	25	25	25	25	25	25	80	25	25	25	2200	25
COM31B1	13-Apr-93	REG	25	25	25	25	25	25	25	25	25	25	25	2200	25
COM31B1	7-Jul-93	REG	25	25	25	25	25	25	25	78	25	25	25	1900	25
COM31B1	5-Oct-93	REG	25	25	25	25	25	25	30	27	25	25	25	1800	25
COM31B1	5-Jan-94	REG	25	25	25	25	25	25	33	42	25	25	25	1500	25
COM31B1	5-Apr-94	REG	25	25	25	25	25	25	25	25	25	25	25	1500	25
COM31B1	6-Jul-94	REG	25	25	25	25	25	25	25	32	25	25	25	1800	25
COM31B1	4-Oct-94	REG	25	25	25	25	25	25	52	41	25	25	25	1900	25
COM31B1	4-Oct-94	REG	25	25	25	25	25	25	51	36	25	25	25	1900	25
COM31B1	6-Jan-95	REG	25	25	25	25	25	25	42	46	25	25	25	1500	25
COM31B1	10-Apr-95	REG	25	25	30	25	25	25	28	50	25	25	31	1100	50
COM31B1	4-Oct-95	REG	25	25	25	25	25	25	25	50	25	25	25	1100	50
COM31B1	3-Apr-96	REG	25	25	25	25	25	25	48	33	50	25	25	1000	25
COM31B1	9-Oct-96	REG	25	25	25	25	25	25	25	25	50	25	25	790	25
COM31B1	14-Apr-97	REG	25	30	25	25	25	25	52	26	50	25	25	1100	25
COM31B1	17-Oct-97	REG	1.8	2.3	7.6	0.5	0.5	0.9	88	57	5.0	3.2	0.9	2200	4.7
COM31B1	13-Jan-99	REG	NT	NT	NT	NT	NT	NT	31	29	NT	NT	NT	1200	NT
COM31B1	17-Sep-99	FD	1.1	1.6	4.2	1.0	2.1	0.6	33	0.5	5.0	1.9	1.0	780	3.9
COM31B1	17-Sep-99	REG	1.2	1.6	3.5	1.0	3.3	1.0	35	0.5	5.0	1.9	1.9	970	4.3
COM31B1	20-Dec-99	FD	10	10	10	20	10	10	52	34	100	10	10	750	10
COM31B1	20-Dec-99	REG	1.0	0.7	2.0	1.0	0.5	0.5	38	17	2.0	1.5	0.5	760	1.4
COM31B1	14-Feb-00	FD	0.8	1.1	3.2	1.0	0.5	0.5	40	22	5.0	0.5	0.5	620	2.6
COM31B1	14-Feb-00	REG	0.7	1.0	2.9	1.0	0.5	0.7	35	20	5.0	0.5	0.6	680	2.4
COM31B1	24-Apr-00	FD	2.0	2.0	2.0	2.0	2.0	2.0	32	23	20	2.0	2.5	600	2.1
COM31B1	24-Apr-00	REG	2.5	2.5	2.7	2.5	2.5	2.5	34	25	25	2.5	2.5	720	2.7
COM31B1	24-Jul-00	REG	3.1	3.1	3.1	3.1	3.1	3.1	39	31	31	3.1	3.1	840	3.1
COM31B1	4-Oct-00	REG	2.5	2.5	2.5	2.5	2.5	2.5	37	25	25	2.5	2.7	670	2.5
COM31B1	22-Jan-01	FD	2.5	2.5	2.5	2.5	2.5	2.5	33	25	25	2.5	2.5	630	2.5
COM31B1	22-Jan-01	REG	2.5	2.5	2.6	2.5	2.5	2.5	36	25	25	2.5	2.5	630	2.5
COM31B1	4-Apr-01	FD	2.0	2.0	2.6	2.0	2.0	2.0	40	25	20	2.0	2.0	720	2.4
COM31B1	4-Apr-01	REG	2.5	2.5	2.5	2.5	2.5	2.5	37	25	25	2.5	2.6	640	2.5
COM31B1	30-Jul-01	FD	1.7	1.7	2.8	1.7	1.7	1.7	48	20	17	1.7	1.7	630	3.2
COM31B1	30-Jul-01	REG	2.5	2.5	2.5	2.5	2.5	2.5	38	25	25	2.5	2.8	650	3.1
COM31B1	3-Oct-01	REG	2.5	2.5	2.5	2.5	2.5	2.5	40	25	25	2.5	2.5	670	2.5
COM31B1	18-Apr-02	REG	2.5	2.5	2.5	2.5	2.5	2.5	39	25	25	2.5	3.4	710	2.9
COM31B1	2-Oct-02	REG	2.5	2.5	2.5	2.5	2.5	2.5	44	25	25	2.5	2.5	800	2.8
COM31B1	7-Apr-03	REG	2.5	2.5	4.9	2.5	2.5	2.5	46	29	25	2.5	2.5	830	2.5
COM31B1	31-Oct-03	REG	3.3	2.5	2.5	2.5	2.5	2.5	62	25	25	2.5	2.9	670	3.9
COM31B1	28-Apr-04	REG	2.5	2.5	3.4	2.5	2.5	2.5	65	25	25	2.5	2.5	670	2.6
COM31B1	21-Oct-04	REG	1.7	1.7	3.5	1.7	1.7	1.7	63	22	17	1.7	1.7	620	2.2
COM31B1	5-Apr-05	REG	4.2	4.2	4.4	4.2	4.2	4.2	69	42	42	4.2	4.2	700	4.2
COM31B1	20-Oct-05	REG	2.5	2.5	3.7	2.5	2.5	2.5	60	27	25	2.5	2.5	790	2.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM32B1	1-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM32B1	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM32B1	9-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	1.2	0.5	0.5	0.5	0.5	0.5
COM32B1	22-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM32B1	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM32B1	13-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM32B1	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM32B1	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM32B1	15-Oct-90	REG	0.4	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM32B1	12-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM32B1	10-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	0.3	2.2	5.0	0.2	NT	0.6	0.6
COM32B1	16-Apr-92	REG	0.1	0.2	0.3	1.0	0.3	0.2	NT	0.1	0.4	0.2	NT	0.5	0.4
COM32B1	8-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.4	0.5	2.1	0.5
COM32B1	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5
COM32B1	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	0.5	1.8	0.5
COM32B1	6-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM32B1	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	1.0	0.5	0.5	1.0	0.5
COM32B1	14-Apr-97	REG	0.5	0.9	0.5	0.5	0.5	0.5	2.1	0.5	1.0	0.5	0.5	1.1	2.6
COM32B1	24-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	1.0	5.0	0.5	0.5	0.5	0.5
COM32B1	12-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	2.0	5.0	2.0	0.5	0.5	1.0	0.5
COM32B1	19-Nov-99	REG	0.5	0.6	0.5	1.0	0.5	0.5	2.8	0.5	0.5	0.5	0.5	0.9	0.5
COM32B1	28-Apr-00	REG	0.5	1.1	0.5	0.5	0.5	0.5	5.2	5.0	5.0	0.5	0.5	2.2	0.5
COM32B1	21-Oct-00	REG	0.5	0.9	0.5	0.5	0.5	0.5	4.5	5.0	5.0	0.5	0.5	1.6	0.5
COM32B1	17-Apr-01	REG	0.5	1.0	0.5	0.5	0.5	0.5	6.2	5.0	5.0	0.5	0.5	1.7	0.5
COM32B1	18-Oct-01	REG	0.5	1.0	0.5	0.5	0.5	0.5	9.1	5.0	5.0	0.5	0.5	2.6	0.5
COM32B1	5-Nov-02	REG	0.5	1.4	0.8	0.5	0.5	0.5	18	5.0	5.0	0.5	0.5	3.4	1.1
COM32B1	10-Nov-03	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	31	5.0	0.5	0.5	0.5	0.5
COM32B1	1-Nov-04	REG	0.5	1.4	0.9	0.5	0.5	0.5	27	5.0	5.0	0.5	0.5	3.3	3.2
COM32B1	27-Oct-05	REG	0.5	1.4	0.8	0.5	0.5	0.5	30	5.0	5.0	0.5	0.5	3.5	7.8
COM33B1	2-Apr-87	REG	20	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM33B1	6-Jul-87	REG	16	0.5	0.2	0.5	0.5	140	NT	NT	0.5	0.5	0.5	0.5	0.5
COM33B1	24-Jun-88	REG	10	0.5	0.5	0.5	0.5	0.5	NT	90	0.5	0.5	0.5	0.5	1.0
COM33B1	24-Jun-88	REG	10	0.5	0.5	0.5	0.5	0.5	NT	99	0.5	0.5	0.5	0.5	1.0
COM33B1	11-Apr-89	REG	3.9	0.4	0.3	1.0	0.3	0.2	NT	24	1.0	0.2	NT	0.5	0.3
COM33B1	1-Apr-90	REG	2.7	0.8	0.6	2.0	0.6	0.4	NT	37	10	0.4	NT	1.0	0.6
COM33B1	16-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	3.6	5.0	0.2	NT	0.5	0.3
COM33B1	14-Apr-92	REG	2.3	0.4	0.3	1.0	0.3	0.2	NT	39	0.5	0.2	NT	0.5	0.5
COM33B1	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	10	5.0	0.5	0.5	0.5	0.5
COM33B3	1-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM33B3	8-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM33B3	7-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM33B3	5-Jan-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM33B3	23-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM33B3	11-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	9.3	0.3
COM33B3	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM33B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM33B3	9-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM33B3	16-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM33B3	11-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	0.3	1.0	5.0	0.2	NT	0.5	0.3
COM33B3	15-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM33B3	7-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM33B3	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM34B1	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM34B1	16-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM34B1	14-Apr-89	REG	0.3	7.0	5.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	5.7	0.3
COM34B1	1-Apr-90	REG	0.5	6.1	8.2	1.0	0.3	0.8	NT	9.3	5.0	0.2	NT	14	0.3
COM34B1	17-Apr-91	REG	0.3	9.5	8.5	1.0	0.3	0.7	NT	8.5	5.0	0.2	NT	47	0.6
COM34B1	16-Apr-92	REG	3.0	5.2	1.8	10	3.0	2.0	NT	4.6	5.2	2.0	NT	39	5.0
COM34B1	23-Oct-97	REG	0.5	2.1	1.8	0.5	0.5	0.5	28	1.0	5.0	0.5	0.5	30	0.5
COM34B1	23-Oct-97	REG	0.5	2.3	2.0	0.5	0.5	0.5	28	1.0	5.0	0.5	0.5	30	0.5
COM35B2	7-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM35B2	14-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM35B2	14-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM35B2	11-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM35B2	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM35B2	11-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM35B2	7-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM35B2	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM35B2	6-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM35B2	4-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM35B2	5-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM35B2	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM35B2	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM35B2	9-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM35B2	15-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM35B2	27-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM35B2	20-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM35B2	14-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM35B2	17-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM35B2	29-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM35B2	6-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM35B2	21-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM35B2	25-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM36B2	3-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	36	0.5
COM36B2	8-Jul-87	REG	1.0	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.7	0.5	29	0.5
COM36B2	9-Dec-87	REG	1.1	0.5	0.5	0.5	0.5	0.5	NT	3.0	0.5	0.5	0.5	14	0.5
COM36B2	24-Jun-88	REG	0.8	0.5	0.5	0.5	0.5	0.5	NT	2.0	0.5	0.5	0.5	21	1.0
COM36B2	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	19	1.0
COM36B2	10-Apr-89	REG	0.4	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	12	0.3
COM36B2	16-Aug-89	REG	0.6	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	23	0.3
COM36B2	1-Oct-89	REG	1.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	16	0.3
COM36B2	1-Oct-89	REG	1.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	19	0.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM36B2	1-Apr-90	REG	0.5	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	6.2	0.3
COM36B2	15-Oct-90	REG	0.8	0.4	0.3	1.0	0.3	0.4	NT	1.0	5.0	0.2	NT	17	0.3
COM36B2	17-Apr-91	REG	0.4	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	25	0.3
COM36B2	11-Oct-91	REG	0.5	0.4	0.3	1.0	0.3	0.2	0.3	1.8	5.0	0.2	NT	25	0.3
COM36B2	15-Apr-92	REG	3.0	4.0	3.0	10	3.0	2.0	NT	10	4.6	2.0	NT	18	5.0
COM36B2	8-Oct-92	REG	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.5	0.5	0.5	18	0.5
COM36B2	8-Oct-92	REG	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.5	0.5	0.5	18	0.5
COM36B2	8-Apr-93	REG	1.3	0.5	0.5	0.5	0.5	0.5	0.5	2.1	0.5	0.5	0.5	25	0.5
COM36B2	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.9	0.5	0.5	0.5	23	0.5
COM36B2	7-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	0.5	0.5	0.5	15	0.5
COM36B2	13-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	0.5	0.5	0.5	15	1.0
COM36B2	4-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.0	0.5	0.5	17	0.5
COM36B2	9-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.0	0.5	0.5	15	0.5
COM36B2	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	12	0.5
COM36B2	13-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	20	0.5
COM36B2	22-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	17	0.5
COM36B2	25-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	11	0.5
COM36B2	19-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	11	0.5
COM36B2	13-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	12	0.5
COM36B2	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	12	0.5
COM36B2	1-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	13	0.5
COM36B2	4-Nov-03	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	13	0.5
COM36B2	28-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	11	0.5
COM36B2	31-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	12	0.5
COM36B3	6-Jul-87	REG	0.5	0.5	0.2	0.5	0.8	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM36B3	10-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM36B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM36B3	16-Apr-91	REG	0.3	0.4	0.3	NT	0.3	1.8	NT	1.0	5.0	0.2	NT	0.5	0.3
COM36B3	16-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.6	NT	1.0	5.0	0.2	NT	0.5	0.5
COM36B3	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM36B3	7-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM36B3	13-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM36B3	4-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.6	0.5
COM36B3	9-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM36B3	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM36B3	13-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM36B3	15-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM36B3	26-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM36B3	21-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM36B3	14-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM36B3	16-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM36B3	1-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM36B3	6-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM36B3	21-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM36B3	25-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM37A	6-Apr-87	REG	13	0.5	1.8	0.5	0.5	0.5	NT	NT	0.5	0.5	12	490	0.5
COM37A	9-Jul-87	REG	23	50	20	50	50	50	NT	NT	50	50	50	1900	50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM37A	6-Oct-87	REG	11	3.4	3.3	0.5	0.5	6.2	NT	9.0	0.5	0.5	21	420	0.5
COM37A	11-Dec-87	REG	8.5	2.0	2.2	0.5	0.5	5.1	NT	11	0.5	0.5	16	240	0.5
COM37A	10-Jan-88	REG	2.4	0.5	0.5	0.5	0.5	0.5	NT	1.6	0.5	0.5	0.5	180	1.0
COM37A	4-Oct-88	REG	8.7	0.5	0.5	0.5	0.5	7.4	NT	12	0.5	0.5	13	350	1.0
COM37A	8-Mar-89	REG	4.8	1.6	2.9	1.0	0.3	4.6	NT	1.1	1.0	0.2	NT	220	0.3
COM37A	4-Apr-89	REG	24	2.0	1.5	5.0	1.5	1.0	NT	460	5.0	1.0	NT	1300	1.5
COM37A	1-Oct-89	REG	9.9	4.0	9.2	10	3.0	2.0	NT	320	10	2.0	NT	1900	3.0
COM37A	1-Jan-90	REG	1.5	2.0	1.5	5.0	1.5	1.0	NT	16	25	1.0	NT	140	1.5
COM37A	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	200	100	4.0	NT	1800	6.0
COM37A	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	280	100	4.0	NT	1800	6.0
COM37A	11-Apr-91	REG	5.0	5.0	5.0	NT	5.0	5.0	NT	5.0	10	5.0	NT	140	10
COM37A	10-Jul-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	100	30
COM37A	4-Oct-91	REG	3.0	4.0	3.0	10	3.0	8.5	3.0	10	50	2.0	NT	140	3.0
COM37A	8-Jan-92	REG	1.3	4.0	3.0	10	3.0	4.6	NT	10	50	2.0	NT	100	3.0
COM37A	15-Apr-92	REG	3.0	4.0	3.0	10	3.0	11	NT	10	5.6	2.0	NT	82	5.0
COM37A	9-Jul-92	REG	4.8	4.0	4.0	10	3.0	2.0	NT	100	12	2.0	NT	270	3.0
COM37A	6-Oct-92	REG	4.6	1.0	8.2	1.0	1.0	1.0	1.0	100	1.0	1.0	1.0	600	1.0
COM37A	14-Jan-93	REG	1.0	1.0	1.0	1.0	1.0	4.2	1.0	1.0	1.0	1.0	1.0	81	1.0
COM37A	6-Apr-93	REG	2.5	2.5	2.5	2.5	2.5	5.0	2.5	2.5	2.5	2.5	2.5	86	2.5
COM37A	9-Jul-93	REG	2.5	2.5	2.5	2.5	2.5	3.1	2.5	2.5	2.5	2.5	2.5	120	2.5
COM37A	6-Oct-93	REG	2.5	2.5	2.5	2.5	2.5	4.0	2.5	2.5	2.5	2.5	2.5	90	2.5
COM37A	18-Jan-94	REG	0.5	0.5	0.5	0.5	0.5	1.9	0.5	1.2	0.5	0.5	0.5	29	0.5
COM37A	5-Apr-94	REG	1.0	1.0	1.0	1.0	1.0	2.3	1.0	1.0	1.0	1.0	1.0	71	1.0
COM37A	8-Jul-94	REG	0.5	0.5	0.5	0.5	0.5	4.0	1.3	0.5	0.5	0.5	0.5	120	0.5
COM37A	5-Oct-94	REG	0.5	0.5	0.5	0.5	0.5	4.6	1.6	0.5	0.5	0.5	0.5	100	0.5
COM37A	6-Jan-95	REG	0.5	0.5	0.5	0.5	0.5	3.2	1.1	0.5	0.5	0.5	0.5	68	0.5
COM37A	7-Apr-95	REG	0.5	0.5	0.6	0.5	0.5	2.4	0.5	1.0	0.5	0.5	0.5	49	1.0
COM37A	12-Oct-95	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	75	5.0
COM37A	12-Oct-95	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	67	5.0
COM37A	9-Apr-96	REG	1.0	1.0	1.0	1.0	1.0	1.9	1.0	1.0	2.0	1.0	1.0	54	1.0
COM37A	10-Oct-96	REG	1.0	1.0	1.0	1.0	1.0	2.2	1.0	1.0	2.0	1.0	1.0	62	1.0
COM37A	11-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	2.5	2.5	68	2.5
COM37A	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	1.6	0.5	1.0	5.0	0.5	0.5	53	0.5
COM37A	12-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	1.0	0.5	5.0	2.0	0.5	0.5	39	0.5
COM37A	17-Sep-99	REG	0.5	0.5	0.5	1.0	2.1	1.3	0.5	0.5	5.0	0.5	0.5	53	0.5
COM37A	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	2.6	0.5	5.0	2.0	0.5	0.5	43	0.5
COM37A	14-Feb-00	REG	0.5	0.5	0.5	1.0	0.5	0.9	0.5	0.5	5.0	0.5	0.5	30	0.5
COM37A	24-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	1.1	0.5	5.0	5.0	0.5	0.5	35	0.5
COM37A	24-Jul-00	REG	0.5	0.5	0.5	0.5	0.5	1.7	0.6	5.0	5.0	0.5	0.5	54	0.5
COM37A	5-Oct-00	REG	0.8	0.5	1.7	0.5	0.5	0.5	0.5	28	5.0	0.5	0.5	150	0.5
COM37A	23-Jan-01	REG	0.5	0.5	0.5	0.5	0.5	1.4	0.5	5.0	5.0	0.5	0.5	44	0.5
COM37A	5-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	1.1	0.5	5.0	5.0	0.5	0.5	25	0.5
COM37A	30-Jul-01	REG	0.5	0.5	0.5	0.5	0.5	1.7	0.5	5.0	5.0	0.5	0.5	33	0.5
COM37A	4-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	1.4	0.5	5.0	5.0	0.5	0.5	27	0.5
COM37A	18-Apr-02	REG	0.5	0.5	0.5	0.5	0.5	1.2	0.5	5.0	5.0	0.5	0.5	24	0.5
COM37A	1-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	1.4	0.5	5.0	5.0	0.5	0.5	30	0.5
COM37A	7-Apr-03	REG	0.5	0.5	0.5	0.5	0.5	3.6	0.6	5.0	5.0	0.5	0.5	23	0.5
COM37A	31-Oct-03	REG	0.5	0.5	0.5	0.5	0.5	4.0	0.8	5.0	5.0	0.5	0.5	27	0.5
COM37A	28-Apr-04	REG	0.5	0.5	0.5	0.5	0.5	3.3	1.2	5.0	5.0	0.5	0.5	41	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM37A	29-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	3.2	1.4	5.0	5.0	0.5	0.5	48	0.5
COM37A	6-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	1.7	0.8	5.0	5.0	0.5	0.5	33	0.5
COM37A	21-Oct-05	REG	0.6	0.5	0.5	0.5	0.5	3.3	2.6	5.0	5.0	0.5	0.5	85	0.5
COM37B1	3-Apr-87	REG	1.3	0.5	2.3	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	35	0.5
COM37B1	8-Jul-87	REG	11	1.1	10	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	140	0.5
COM37B1	9-Dec-87	REG	3.2	0.7	2.5	0.5	0.5	0.5	NT	19	0.5	0.5	0.5	14	0.5
COM37B1	24-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	16	0.5	0.5	0.5	9.0	1.0
COM37B1	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	57	0.5	0.5	0.5	10	1.0
COM37B1	12-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	14	1.0	0.2	NT	4.5	0.3
COM37B1	16-Aug-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	8.2	1.0	0.2	NT	5.3	0.3
COM37B1	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	6.8	1.0	0.2	NT	3.7	0.3
COM37B1	1-Apr-90	REG	0.3	0.4	0.5	1.0	0.3	0.2	NT	2.3	5.0	0.2	NT	3.5	0.3
COM37B1	12-Oct-90	REG	0.4	0.4	0.5	1.0	0.3	0.5	NT	1.6	5.0	0.2	NT	5.7	0.3
COM37B1	12-Apr-91	REG	0.3	0.4	0.4	1.0	0.3	0.2	NT	1.8	5.0	0.2	NT	6.1	0.3
COM37B1	11-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.3	NT	2.5	5.0	0.2	NT	11	0.3
COM37B1	15-Apr-92	REG	0.2	0.4	0.3	1.0	0.3	0.8	NT	2.0	0.5	0.2	NT	11	0.5
COM37B1	8-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	1.7	0.5	0.5	0.5	13	0.5
COM37B1	8-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.9	0.5	0.5	0.5	7.7	0.5
COM37B1	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	2.4	0.5	0.5	0.5	12	0.5
COM37B1	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	1.5	0.5	0.5	0.5	11	0.5
COM37B1	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	2.7	0.5	0.5	0.5	8.9	0.5
COM37B1	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.0	4.1	0.5	0.5	0.5	7.9	0.5
COM37B1	7-Apr-95	REG	0.5	0.7	1.0	0.5	0.5	0.5	1.2	1.9	0.5	0.5	0.6	9.9	1.0
COM37B1	4-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.2	2.1	1.0	0.5	0.5	7.8	0.5
COM37B1	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.2	0.5	1.0	0.5	0.5	7.7	0.5
COM37B1	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.0	5.0	0.5	0.5	6.2	0.5
COM37B1	15-Oct-98	FD	1.0	0.5	2.0	1.0	0.5	0.5	3.8	5.0	2.0	0.5	0.5	17	0.5
COM37B1	15-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	1.6	5.0	2.0	0.5	0.5	16	0.5
COM37B1	22-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	1.1	0.7	5.0	0.5	0.5	11	0.5
COM37B1	28-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.6	5.0	5.0	0.5	0.5	11	0.5
COM37B1	20-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.2	5.0	5.0	0.5	0.5	6.7	0.5
COM37B1	16-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.6	5.0	5.0	0.5	0.5	10	0.5
COM37B1	18-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.3	5.0	5.0	0.5	0.5	8.6	0.5
COM37B1	4-Nov-02	REG	0.5	0.5	0.6	0.5	0.5	0.5	1.9	5.0	5.0	0.5	0.5	12	0.5
COM37B1	10-Nov-03	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.7	0.5
COM37B1	1-Nov-04	REG	0.5	0.5	0.9	0.5	0.5	0.5	2.3	5.0	5.0	0.5	0.5	17	0.5
COM37B1	26-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	2.1	5.0	5.0	0.5	0.5	19	0.5
COM38A	2-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	13	0.5
COM38A	8-Jul-87	REG	1.3	0.5	0.2	0.5	0.5	0.8	NT	NT	0.5	0.5	0.5	8.2	0.5
COM38A	9-Dec-87	REG	0.8	0.5	0.5	0.5	0.5	0.5	NT	0.8	0.5	0.5	0.5	7.9	0.5
COM38A	10-Jan-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	6.1	1.0
COM38A	4-Oct-88	REG	0.5	0.5	0.5	0.5	0.5	0.7	NT	0.7	0.5	0.5	0.5	3.0	1.0
COM38A	1-Oct-89	REG	15	20	18	50	15	10	NT	160	50	10	NT	1400	15
COM38A	1-Jan-90	REG	75	100	75	250	75	50	NT	250	1250	50	NT	1400	75
COM38A	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	230	100	4.0	NT	1100	6.0
COM38A	12-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.4	NT	1.0	5.0	0.2	NT	2.1	0.3
COM38A	10-Jul-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	3.0	0.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM38A	4-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	0.3	1.0	5.0	0.2	NT	1.5	0.3
COM38A	23-Jan-92	REG	75	100	75	250	75	50	NT	76	1250	50	NT	880	75
COM38A	14-Apr-92	REG	3.2	0.2	5.6	1.0	0.3	0.5	NT	79	0.5	0.2	NT	200	0.5
COM38A	9-Jul-92	REG	0.4	0.4	0.3	1.0	0.3	0.5	NT	0.5	1.0	0.2	NT	2.5	0.3
COM38A	6-Oct-92	REG	2.6	1.0	5.4	1.0	1.0	1.0	1.0	74	1.0	1.0	1.0	520	1.0
COM38A	8-Jan-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.7	0.5
COM38A	6-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.2	0.5
COM38A	9-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.3	0.5
COM38A	6-Oct-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	0.5
COM38A	5-Jan-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	0.5
COM38A	5-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.3	0.5
COM38A	8-Jul-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.5
COM38A	5-Oct-94	REG	0.5	0.5	0.5	0.5	0.7	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5
COM38A	6-Jan-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.4	0.5
COM38A	7-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	1.4	1.0
COM38A	13-Oct-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	1.1	1.0
COM38A	9-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	1.2	0.5
COM38A	10-Oct-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	1.2	0.5
COM38A	11-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	1.2	0.5
COM38A	17-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.9	0.5
COM38A	17-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.8	0.5
COM38A	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	2.3	0.5	5.0	2.0	0.5	0.5	1.1	0.5
COM38A	20-Sep-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.8	0.5
COM38A	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM38A	14-Feb-00	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.7	0.5
COM38A	24-Apr-00	REG	NT	NT	NT	0.5	NT	NT	NT	NT	NT	NT	NT	NT	NT
COM38A	24-Jul-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.9	0.5
COM38A	5-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	20	0.5
COM38A	23-Jan-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.8	0.5
COM38A	4-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.7	0.5
COM38A	31-Jul-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.8	0.5
COM38A	4-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.2	0.5
COM38A	18-Apr-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.6	0.5
COM38A	1-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.1	0.5
COM38A	7-Apr-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.9	0.5
COM38A	3-Nov-03	REG	0.6	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.9	0.5
COM38A	28-Apr-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.9	0.5
COM38A	22-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.9	0.5
COM38A	6-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.6	0.5
COM38A	21-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.9	0.5
COM38B1	7-Apr-87	REG	240	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	1600	0.5
COM38B1	9-Jul-87	REG	50	50	20	50	50	50	NT	NT	50	50	50	820	50
COM38B1	7-Oct-87	REG	4.0	0.5	4.5	0.5	0.5	0.5	NT	41	0.5	460	0.5	0.5	0.5
COM38B1	16-Dec-87	REG	1.0	0.5	1.8	0.5	0.5	0.5	NT	56	0.5	0.5	0.5	260	0.5
COM38B1	10-Jan-88	REG	53	0.5	0.5	0.5	0.5	470	NT	0.5	0.5	0.5	0.5	2650	1.0
COM38B1	10-Jan-88	REG	54	0.5	0.5	0.5	0.5	670	NT	0.5	0.5	0.5	0.5	3300	1.0
COM38B1	4-Oct-88	REG	77	5.0	5.0	5.0	37	500	NT	760	5.0	5.0	5.0	5700	10
COM38B1	8-Mar-89	REG	17	4.0	3.0	10	3.0	2.0	NT	780	10	2.0	NT	4100	3.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM38B1	4-Apr-89	REG	31	2.0	200	5.0	1.5	10	NT	360	50	10	NT	2200	15
COM38B1	4-Apr-89	REG	33	20	1.5	50	15	1.0	NT	280	5.0	1.0	NT	1900	1.5
COM38B1	17-Aug-89	REG	21	4.0	3.0	10	3.0	2.0	NT	260	10	2.0	NT	1600	3.0
COM38B1	1-Oct-89	REG	16	4.0	13	10	3.0	2.0	NT	310	10	2.0	NT	1500	3.0
COM38B1	1-Jan-90	REG	30	40	30	100	30	20	NT	140	500	20	NT	700	30
COM38B1	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	230	100	4.0	NT	1500	6.0
COM38B1	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	270	100	4.0	NT	1600	6.0
COM38B1	1-Jul-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	670	30
COM38B1	11-Oct-90	REG	8.4	2.0	1.5	5.0	1.5	1.0	NT	140	25	1.0	NT	730	1.5
COM38B1	9-Jan-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	440	30
COM38B1	4-Oct-91	REG	30	40	30	100	30	20	30	170	500	20	NT	1000	30
COM38B1	23-Jan-92	REG	5.8	20	15	50	15	10	NT	69	250	10	NT	820	15
COM38B1	14-Apr-92	REG	60	80	60	200	60	40	NT	130	78	40	NT	730	100
COM38B1	9-Jul-92	REG	6.4	20	15	50	15	10	NT	92	35	10	NT	570	15
COM38B1	6-Oct-92	REG	4.4	1.0	9.4	1.0	1.0	1.0	1.0	95	1.0	1.0	1.0	560	1.0
COM38B1	8-Jan-93	REG	12	12	12	12	12	12	12	78	12	12	12	680	12
COM38B1	6-Apr-93	REG	12	12	12	12	12	12	12	72	12	12	12	630	12
COM38B1	9-Jul-93	REG	10	10	10	10	10	10	10	93	10	10	10	490	10
COM38B1	5-Oct-93	REG	12	12	12	10	12	12	10	140	12	12	12	700	12
COM38B1	5-Oct-93	REG	10	10	10	12	10	10	12	49	10	10	10	570	10
COM38B1	5-Jan-94	REG	10	10	10	10	10	10	10	74	10	10	10	580	10
COM38B1	5-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	37	5.0	5.0	5.0	470	5.0
COM38B1	5-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	85	15	5.0	5.0	210	5.0
COM38B1	8-Jul-94	REG	10	10	10	10	10	10	10	48	34	10	10	490	10
COM38B1	5-Oct-94	REG	10	10	10	10	10	10	10	63	10	10	10	490	10
COM38B1	6-Jan-95	REG	10	10	10	10	10	10	10	71	10	10	10	390	10
COM38B1	7-Apr-95	REG	5.0	5.0	11	5.0	5.0	5.0	5.0	61	5.0	5.0	5.0	300	10
COM38B1	12-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	75	5.0	5.0	5.0	330	10
COM38B1	9-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	53	10	5.0	5.0	250	5.0
COM38B1	10-Oct-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	42	10	5.0	5.0	230	5.0
COM38B1	11-Apr-97	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	47	10	5.0	5.0	250	5.0
COM38B1	15-Oct-97	REG	1.0	0.5	3.7	0.5	0.5	0.5	0.5	35	5.0	0.5	0.5	160	0.5
COM38B1	14-Oct-98	FD	1.0	0.5	4.0	1.0	0.5	0.5	0.5	34	2.0	0.5	0.5	190	0.5
COM38B1	14-Oct-98	REG	1.0	0.5	3.0	1.0	0.5	0.5	0.5	35	2.0	0.5	0.5	190	0.5
COM38B1	20-Sep-99	REG	0.7	0.5	3.3	1.0	0.5	0.5	0.5	20	5.0	0.5	0.5	170	0.5
COM38B1	20-Dec-99	REG	0.8	0.5	2.2	1.0	0.5	0.5	0.6	30	5.0	0.5	0.5	260	0.5
COM38B1	14-Feb-00	REG	0.7	0.5	1.8	1.0	0.5	0.5	0.6	30	5.0	0.5	0.5	200	0.5
COM38B1	24-Apr-00	REG	0.8	0.5	2.9	0.5	0.5	0.5	0.7	36	5.0	0.5	0.5	190	0.5
COM38B1	24-Jul-00	REG	0.5	0.5	2.8	0.5	0.5	0.5	0.8	34	5.0	0.5	0.5	200	0.5
COM38B1	5-Oct-00	REG	0.8	0.5	2.7	0.5	0.5	0.5	0.6	33	5.0	0.5	0.5	190	0.5
COM38B1	23-Jan-01	REG	0.8	0.7	2.4	0.7	0.7	0.7	0.7	30	7.1	0.7	0.7	190	0.7
COM38B1	4-Apr-01	REG	0.7	0.7	0.7	0.7	0.7	0.7	0.8	28	7.1	0.7	0.7	150	0.7
COM38B1	31-Jul-01	REG	0.8	0.5	2.5	0.5	0.5	0.5	0.7	31	5.0	0.5	0.5	180	0.5
COM38B1	4-Oct-01	REG	0.7	0.5	2.1	0.5	0.5	0.5	0.6	29	5.0	0.5	0.5	180	0.5
COM38B1	18-Apr-02	REG	0.7	0.5	2.4	0.5	0.5	0.5	0.8	29	5.0	0.5	0.5	200	0.5
COM38B1	1-Oct-02	REG	0.8	0.5	2.4	0.5	0.5	0.5	0.6	39	5.0	0.5	0.5	170	0.5
COM38B1	7-Apr-03	REG	0.7	0.5	2.3	0.5	0.5	0.5	0.7	31	5.0	0.5	0.5	160	0.5
COM38B1	31-Oct-03	REG	0.7	0.5	1.9	0.5	0.5	0.5	0.7	31	5.0	0.5	0.5	150	0.5
COM38B1	28-Apr-04	REG	0.6	0.5	1.7	0.5	0.5	0.5	0.8	21	5.0	0.5	0.5	140	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM38B1	22-Oct-04	REG	0.7	0.7	1.0	0.7	0.7	0.7	0.8	13	7.1	0.7	0.7	110	0.7
COM38B1	6-Apr-05	REG	0.6	0.5	1.7	0.5	0.5	0.5	0.9	26	5.0	0.5	0.5	120	0.5
COM38B1	21-Oct-05	REG	0.7	0.7	1.4	0.7	0.7	0.7	0.7	16	7.1	0.7	0.7	110	0.7
COM38B3	6-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM38B3	23-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM38B3	13-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM38B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM38B3	12-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM38B3	17-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM38B3	21-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM39A	6-Apr-87	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	NT	5.0	5.0	5.0	820	5.0
COM39A	10-Jul-87	REG	13	50	20	50	50	50	NT	NT	50	50	13	1000	50
COM39A	7-Oct-87	REG	17	5.6	8.0	0.5	0.5	7.2	NT	42	0.5	0.5	28	1100	0.5
COM39A	15-Dec-87	REG	14	3.9	5.9	0.5	0.5	10	NT	42	0.5	0.5	34	790	0.5
COM39A	4-Oct-88	REG	5.0	5.0	5.0	5.0	5.0	5.0	NT	5.0	5.0	5.0	18	1300	10
COM39A	8-Mar-89	REG	18	4.0	14	10	3.0	2.0	NT	620	10	2.0	NT	1700	3.0
COM39A	4-Apr-89	REG	40	20	15	50	15	10	NT	480	50	10	NT	2500	15
COM39A	1-Oct-89	REG	30	40	30	100	30	20	NT	110	100	20	NT	880	30
COM39A	1-Jan-90	REG	75	100	75	250	75	50	NT	250	1250	50	NT	1800	75
COM39A	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	20	100	4.0	NT	1300	6.0
COM39A	11-Apr-91	REG	25	25	25	NT	25	25	NT	25	50	25	NT	480	50
COM39A	10-Jul-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	490	30
COM39A	4-Oct-91	REG	6.0	8.0	6.0	20	6.0	4.0	6.0	20	100	4.0	NT	210	6.0
COM39A	8-Jan-92	REG	15	20	15	50	15	10	NT	50	250	10	NT	170	15
COM39A	15-Apr-92	REG	15	20	15	50	15	11	NT	50	16	10	NT	500	25
COM39A	10-Jul-92	REG	15	20	15	50	15	10	NT	50	67	10	NT	570	15
COM39A	9-Oct-92	REG	5.0	5.0	5.0	5.0	5.0	5.0	6.0	5.0	5.0	5.0	5.0	520	5.0
COM39A	8-Jan-93	REG	10	10	10	10	10	10	10	10	10	10	10	530	10
COM39A	6-Apr-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	14	5.0	5.0	5.0	5.0	490	5.0
COM39A	9-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.3	5.0	5.0	5.0	5.0	410	5.0
COM39A	6-Oct-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.3	5.0	5.0	5.0	5.0	400	5.0
COM39A	5-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	350	5.0
COM39A	8-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.0	5.0	5.0	5.0	390	5.0
COM39A	7-Jul-94	REG	1.2	1.0	1.0	1.0	1.0	3.0	7.3	1.0	1.0	1.0	1.0	430	1.0
COM39A	5-Oct-94	REG	1.7	1.0	1.0	1.0	1.0	3.4	7.9	1.0	1.0	1.0	1.0	410	1.0
COM39A	6-Jan-95	REG	2.0	2.0	2.0	2.0	2.0	2.5	6.1	2.0	2.0	2.0	2.0	330	2.0
COM39A	7-Apr-95	REG	5.0	5.0	5.2	5.0	5.0	5.0	5.0	10	5.0	5.0	5.0	220	10
COM39A	12-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	10	5.0	5.0	5.0	260	10
COM39A	9-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	10	5.0	5.0	170	5.0
COM39A	10-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.7	3.2	2.5	5.0	2.5	2.5	150	2.5
COM39A	11-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.6	4.0	2.5	5.0	2.5	2.5	160	2.5
COM39A	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	2.2	3.4	1.0	5.0	0.5	0.5	160	0.5
COM39A	14-Oct-97	REG	0.6	0.5	0.5	0.5	0.5	1.9	4.2	1.0	5.0	0.5	0.5	150	0.5
COM39A	12-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	2.2	3.1	5.0	2.0	0.5	0.5	140	0.5
COM39A	20-Sep-99	REG	0.7	0.5	0.5	1.0	0.5	2.3	3.3	0.5	5.0	0.5	0.5	160	0.5
COM39A	20-Dec-99	REG	0.5	0.5	0.5	1.0	0.5	1.9	3.6	0.8	5.0	0.5	0.5	130	0.5
COM39A	14-Feb-00	REG	0.5	0.5	0.5	1.0	0.5	1.7	2.8	0.5	5.0	0.5	0.5	110	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM39A	24-Apr-00	REG	0.6	0.5	0.5	0.5	0.5	1.9	2.8	5.0	5.0	0.5	0.5	130	0.5
COM39A	24-Jul-00	REG	0.9	0.5	0.6	0.5	0.5	2.3	4.4	5.0	5.0	0.5	0.5	190	0.5
COM39A	5-Oct-00	REG	0.7	0.5	0.6	0.5	0.5	1.7	3.3	6.2	5.0	0.5	0.5	150	0.5
COM39A	26-Jan-01	REG	0.6	0.5	0.5	0.5	0.5	1.5	3.4	5.0	5.0	0.5	0.5	120	0.5
COM39A	5-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	2.0	3.1	5.0	5.0	0.5	0.5	160	0.5
COM39A	30-Jul-01	REG	0.7	0.5	0.5	0.5	0.5	1.9	4.1	5.0	5.0	0.5	0.5	180	0.5
COM39A	4-Oct-01	REG	0.7	0.5	0.5	0.5	0.5	1.9	3.8	5.0	5.0	0.5	0.5	170	0.5
COM39A	18-Apr-02	REG	0.6	0.5	0.5	0.5	0.5	2.0	3.3	5.0	5.0	0.5	0.5	170	0.5
COM39A	1-Oct-02	REG	0.7	0.7	0.7	0.7	0.7	1.6	3.4	7.1	7.1	0.7	0.7	180	0.7
COM39A	7-Apr-03	REG	0.7	0.7	0.7	0.7	0.7	1.8	3.0	7.1	7.1	0.7	0.7	150	0.7
COM39A	31-Oct-03	REG	0.6	0.5	0.5	0.5	0.5	2.2	4.5	5.0	5.0	0.5	0.5	180	0.5
COM39A	28-Apr-04	REG	0.6	0.5	0.5	0.5	0.5	1.8	3.2	5.0	5.0	0.5	0.5	140	0.5
COM39A	22-Oct-04	REG	1.0	1.0	1.0	1.0	1.0	1.6	4.3	10	10	1.0	1.0	150	1.0
COM39A	5-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	1.1	1.9	5.0	5.0	0.5	0.5	99	0.5
COM39A	21-Oct-05	REG	1.0	1.0	1.0	1.0	1.0	2.1	4.7	10	10	1.0	1.0	180	1.0
COM41A	2-Apr-87	REG	2.4	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	1.1	0.5	0.5	0.5
COM41A	6-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.6	NT	NT	0.5	0.5	0.5	1.3	2.9
COM41A	7-Dec-87	REG	2.2	0.5	0.5	0.5	0.5	0.5	NT	2.5	0.5	1.2	0.5	0.5	0.5
COM41A	10-Jan-88	REG	1.1	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM41A	10-Apr-89	REG	1.8	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM41A	17-Jun-89	REG	4.0	0.5	0.5	0.5	0.5	0.5	NT	2.0	0.5	0.5	0.5	1.0	1.0
COM41A	1-Oct-89	REG	1.0	0.4	0.3	1.0	0.3	0.2	NT	1.4	1.0	0.9	NT	0.5	0.3
COM41A	1-Apr-90	REG	0.8	0.4	0.4	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM41A	11-Apr-91	REG	0.7	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM41A	10-Oct-91	REG	1.4	0.4	0.3	1.0	0.3	0.4	0.3	3.6	5.0	0.2	NT	0.5	0.3
COM41A	9-Apr-92	REG	1.2	0.4	0.3	1.0	0.3	0.5	NT	0.9	0.2	0.2	NT	0.5	0.5
COM41A	8-Oct-92	REG	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.5	0.5	0.5	0.5	0.5
COM41A	12-Apr-93	REG	1.5	0.5	0.5	0.5	0.5	0.5	0.5	2.0	0.5	0.5	0.5	0.5	0.5
COM41A	6-Apr-94	REG	1.4	0.5	0.5	0.5	0.5	0.5	0.5	3.1	0.5	0.5	0.5	0.5	0.5
COM41A	11-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.8	0.5	0.5	0.5	0.5	1.0
COM41A	5-Apr-96	REG	0.8	0.5	0.5	0.5	0.5	0.5	0.5	2.2	1.0	0.5	0.5	0.5	0.5
COM41A	15-Apr-97	REG	1.2	0.5	0.5	0.5	0.5	0.6	0.5	4.3	1.0	0.5	0.5	0.5	0.5
COM41A	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.9	0.5	5.2	5.0	0.5	0.5	0.5	0.5
COM41A	12-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.8	0.5	6.0	2.0	0.5	0.5	0.5	0.5
COM41A	16-Nov-99	REG	0.8	0.5	0.5	1.0	0.5	0.8	0.5	12	0.5	0.5	0.5	0.5	0.5
COM41A	1-May-00	REG	1.0	0.7	0.7	0.5	0.5	1.0	0.5	10	5.0	0.5	0.5	0.5	0.5
COM41A	21-Oct-00	REG	0.8	0.5	0.5	0.5	0.5	0.9	0.5	7.3	5.0	0.5	0.5	0.5	0.5
COM41A	16-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	1.0	0.6	10	5.0	0.5	0.5	0.5	0.5
COM41A	18-Oct-01	REG	0.8	0.6	0.8	0.5	0.5	1.0	0.8	11	5.0	0.5	0.5	0.5	0.5
COM41A	4-Nov-02	REG	0.6	0.5	0.8	0.5	0.5	1.0	1.1	9.7	5.0	0.5	0.5	0.5	0.5
COM41A	10-Nov-03	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.8	0.5
COM41A	1-Nov-04	REG	0.5	0.5	1.2	0.5	0.5	0.9	1.0	8.8	5.0	0.5	0.5	2.8	0.5
COM41A	26-Oct-05	REG	0.6	0.5	0.6	0.5	0.5	0.9	0.9	5.8	5.0	0.5	0.5	6.8	0.5
COM41B1	6-Apr-87	REG	0.5	0.5	0.9	0.5	0.5	0.5	NT	NT	0.5	0.5	4.9	0.5	0.5
COM41B1	10-Jul-87	REG	50	50	20	50	50	50	NT	NT	50	50	50	460	50
COM41B1	7-Oct-87	REG	4.4	0.5	1.1	0.5	0.5	0.5	NT	77	0.5	0.5	0.5	0.5	260
COM41B1	15-Dec-87	REG	44	0.5	0.5	0.5	0.5	85	NT	230	0.5	0.5	0.5	370	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM41B1	15-Dec-87	REG	3.8	1.4	0.5	0.5	0.5	0.5	NT	250	0.5	0.5	0.5	360	0.5
COM41B1	5-Jan-88	REG	210	0.5	0.5	0.5	0.5	0.5	NT	530	0.5	0.5	0.5	1200	1.0
COM41B1	4-Oct-88	REG	11	5.0	5.0	5.0	5.0	5.0	NT	210	5.0	5.0	5.0	1800	10
COM41B1	8-Mar-89	REG	9.3	4.0	3.0	10	3.0	2.0	NT	230	10	2.0	NT	1500	3.0
COM41B1	8-Mar-89	REG	9.0	4.0	3.0	10	3.0	2.0	NT	210	10	2.0	NT	1600	3.0
COM41B1	14-Apr-89	REG	11	5.0	11	1.0	0.3	1.4	NT	230	1.0	0.2	NT	870	1.9
COM41B1	16-Aug-89	REG	15	20	15	50	15	10	NT	50	50	10	NT	880	15
COM41B1	1-Oct-89	REG	9.0	10	7.5	25	7.5	5.0	NT	290	25	5.0	NT	800	7.5
COM41B1	1-Jan-90	REG	15	20	15	50	15	10	NT	84	250	10	NT	580	15
COM41B1	1-Jan-90	REG	15	20	15	50	15	10	NT	150	250	10	NT	880	15
COM41B1	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	210	100	4.0	NT	1300	6.0
COM41B1	1-Jul-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	540	30
COM41B1	9-Oct-90	REG	30	40	30	100	30	20	NT	110	500	20	NT	600	30
COM41B1	9-Jan-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	260	30
COM41B1	9-Jan-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	250	30
COM41B1	11-Apr-91	REG	50	50	50	NT	50	50	NT	160	100	50	NT	560	100
COM41B1	10-Jul-91	REG	30	40	30	100	30	20	NT	140	500	20	NT	690	30
COM41B1	3-Oct-91	REG	30	40	30	100	30	20	30	160	500	20	NT	530	30
COM41B1	8-Jan-92	REG	15	20	15	50	15	10	NT	87	250	10	NT	480	15
COM41B1	8-Jan-92	REG	15	20	15	50	15	10	NT	94	250	10	NT	550	15
COM41B1	9-Apr-92	REG	2.9	0.3	3.6	1.0	0.3	0.5	NT	52	0.3	0.2	NT	480	0.5
COM41B1	8-Jul-92	REG	15	20	15	50	15	10	NT	71	32	10	NT	480	15
COM41B1	7-Oct-92	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	100	5.0	5.0	5.0	410	5.0
COM41B1	7-Oct-92	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	96	5.0	5.0	5.0	390	5.0
COM41B1	8-Jan-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	39	5.0	5.0	5.0	360	5.0
COM41B1	6-Apr-93	REG	10	10	10	10	10	10	10	60	10	10	10	330	10
COM41B1	8-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	110	5.0	5.0	5.0	260	5.0
COM41B1	5-Oct-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	120	5.0	5.0	5.0	350	5.0
COM41B1	5-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	150	5.0	5.0	5.0	320	5.0
COM41B1	5-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	60	5.0	5.0	5.0	250	5.0
COM41B1	7-Jul-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	70	5.0	5.0	5.0	280	5.0
COM41B1	5-Oct-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	85	5.0	5.0	5.0	320	5.0
COM41B1	6-Jan-95	REG	10	10	10	10	10	10	10	89	10	10	10	230	10
COM41B1	12-Apr-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	77	5.0	5.0	5.0	210	10
COM41B1	12-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	50	5.0	5.0	5.0	190	10
COM41B1	2-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	37	11	5.0	5.0	170	5.0
COM41B1	10-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	26	5.0	2.5	2.5	140	2.5
COM41B1	15-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	40	5.0	2.5	2.5	150	2.5
COM41B1	15-Oct-97	REG	0.7	0.5	2.4	0.5	0.5	0.5	0.5	49	5.0	0.5	0.5	150	0.5
COM41B1	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	30	2.0	0.5	0.5	100	0.5
COM41B1	17-Sep-99	REG	0.8	0.5	1.3	1.0	0.5	0.5	0.5	25	5.0	0.5	0.5	110	0.5
COM41B1	20-Dec-99	REG	0.8	0.5	1.1	1.0	0.5	0.5	0.5	34	5.0	0.5	0.5	110	0.5
COM41B1	14-Feb-00	REG	0.5	0.5	0.8	1.0	0.5	0.5	0.5	23	5.0	0.5	0.5	83	0.5
COM41B1	24-Apr-00	REG	0.8	0.5	1.1	0.5	0.5	0.5	0.5	30	5.0	0.5	0.5	100	0.5
COM41B1	24-Jul-00	REG	0.8	0.5	1.3	0.5	0.5	0.5	0.5	43	5.0	0.5	0.5	130	0.5
COM41B1	5-Oct-00	REG	0.7	0.5	1.1	0.5	0.5	0.5	0.5	32	5.0	0.5	0.5	100	0.5
COM41B1	22-Jan-01	REG	0.7	0.5	1.0	0.5	0.5	0.5	0.5	34	5.0	0.5	0.5	110	0.5
COM41B1	5-Apr-01	REG	0.6	0.5	1.1	0.5	0.5	0.5	0.5	37	5.0	0.5	0.5	99	0.5
COM41B1	30-Jul-01	REG	0.7	0.5	0.9	0.5	0.5	0.5	0.5	35	5.0	0.5	0.5	100	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM41B1	4-Oct-01	REG	0.5	0.5	0.6	0.5	0.5	0.5	0.5	21	5.0	0.5	0.5	63	0.5
COM41B1	17-Apr-02	REG	0.7	0.5	0.9	0.5	0.5	0.5	0.5	27	5.0	0.5	0.5	100	0.5
COM41B1	1-Oct-02	REG	0.6	0.5	0.9	0.5	0.5	0.5	0.5	40	5.0	0.5	0.5	110	0.5
COM41B1	8-Apr-03	REG	0.5	0.5	0.9	0.5	0.5	0.5	0.5	30	5.0	0.5	0.5	85	0.5
COM41B1	31-Oct-03	REG	0.5	0.5	0.7	0.5	0.5	0.5	0.5	28	5.0	0.5	0.5	80	0.5
COM41B1	27-Apr-04	REG	0.5	0.5	0.8	0.5	0.5	0.5	0.5	22	5.0	0.5	0.5	79	0.5
COM41B1	22-Oct-04	REG	0.5	0.5	0.8	0.5	0.5	0.5	0.5	27	5.0	0.5	0.5	74	0.5
COM41B1	5-Apr-05	REG	0.5	0.5	0.9	0.5	0.5	0.5	0.5	20	5.0	0.5	0.5	80	0.5
COM41B1	21-Oct-05	REG	0.6	0.5	0.8	0.5	0.5	0.5	0.5	21	5.0	0.5	0.5	83	0.5
COM41B4	6-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	27	NT	NT	0.5	0.5	0.5	0.5	0.5
COM41B4	6-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	28	NT	NT	0.5	0.5	0.5	0.5	0.5
COM41B4	23-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM41B4	11-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM41B4	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM41B4	11-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM41B4	9-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.2	0.2	NT	0.5	0.5
COM41B4	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM42B1	6-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM42B1	3-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM42B1	7-Dec-87	REG	10	2.0	0.5	0.5	0.5	5.3	NT	36	0.5	0.5	12	200	0.5
COM42B1	23-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.6	0.5	0.5	0.5	0.5	1.0
COM42B1	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM42B1	6-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM42B1	1-Oct-89	REG	0.4	0.4	0.3	1.0	0.3	0.2	NT	1.3	1.0	0.2	NT	1.1	0.3
COM42B1	1-Apr-90	REG	0.5	0.4	0.3	1.0	0.3	0.3	NT	1.0	5.0	0.2	NT	0.5	0.3
COM42B1	10-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM42B1	11-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM42B1	10-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	0.3	2.8	5.0	0.2	NT	0.5	0.3
COM42B1	8-Apr-92	REG	0.2	0.2	0.3	1.0	0.3	0.3	NT	0.5	0.3	0.2	NT	0.7	0.5
COM42B1	9-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.5
COM42B1	8-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.9	0.5	0.5	0.5	1.0	0.5
COM42B1	7-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.7	0.5	0.5	0.5	1.9	0.5
COM42B1	4-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.9	1.0
COM42B1	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.0	0.5	0.5	1.4	0.5
COM42B1	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	1.2	0.5
COM42B1	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	2.1	0.5
COM42B1	15-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	2.1	0.5
COM42B1	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.5
COM42B1	22-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.8	0.5
COM42B1	19-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.9	0.5
COM42B1	16-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.4	0.5
COM42B1	17-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.5	0.5
COM42B1	4-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.0	0.5
COM42B1	7-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.6	0.5
COM42B1	29-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.0	0.5
COM42B1	25-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.9	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM43A	3-Apr-87	REG	11	1.6	2.0	0.5	0.5	0.5	NT	NT	0.5	0.5	8.9	110	0.5
COM43A	8-Jul-87	REG	10	3.1	2.5	0.5	0.5	2.6	NT	NT	0.5	0.5	6.0	160	0.5
COM43A	6-Oct-87	REG	13	3.2	3.9	0.5	0.5	6.6	NT	18	0.5	0.5	16	330	0.5
COM43A	4-Oct-88	REG	12	0.5	0.5	0.5	0.5	9.1	NT	19	0.5	0.5	14	340	1.0
COM43A	27-Dec-88	REG	6.2	4.0	0.5	0.5	0.5	5.0	7.8	0.5	0.5	0.5	0.5	310	1.0
COM43A	8-Mar-89	REG	5.0	4.0	3.0	10	3.0	5.5	NT	24	10	2.0	NT	220	3.0
COM43A	4-Apr-89	REG	2.9	1.7	1.5	1.0	1.5	3.3	NT	6.2	5.0	0.2	NT	190	1.5
COM43A	4-Apr-89	REG	1.5	2.0	3.6	5.0	0.3	2.7	NT	66	1.0	1.0	NT	140	0.3
COM43A	15-Aug-89	REG	30	40	30	100	30	20	NT	100	100	20	NT	1600	30
COM43A	1-Oct-89	REG	7.5	10	7.5	25	7.5	24	NT	210	25	5.0	NT	910	7.5
COM43A	1-Jan-90	REG	3.0	4.0	3.0	10	3.0	2.0	NT	77	50	2.0	NT	84	3.0
COM43A	1-Apr-90	REG	6.1	8.0	6.0	20	6.0	4.0	NT	120	100	4.0	NT	500	6.0
COM43A	1-Apr-90	REG	7.1	8.0	6.0	20	6.0	4.0	NT	54	100	4.0	NT	400	6.0
COM43A	1-Jul-90	REG	1.7	0.4	0.3	1.0	0.3	1.2	NT	1.0	5.0	0.2	NT	34	0.3
COM43A	15-Apr-91	REG	5.0	5.0	5.0	NT	5.0	5.0	NT	5.0	10	5.0	NT	120	10
COM43A	9-Jul-91	REG	3.0	4.0	3.0	10	3.0	2.2	NT	10	50	2.0	NT	170	3.0
COM43A	4-Oct-91	REG	3.0	4.0	3.0	10	3.0	2.3	3.0	10	50	2.0	NT	120	3.0
COM43A	23-Jan-92	REG	15	20	15	50	15	10	NT	50	250	10	NT	150	15
COM43A	6-May-92	REG	1.7	0.9	0.8	1.0	0.3	2.7	NT	0.8	0.4	0.2	NT	110	0.5
COM43A	7-Jul-92	REG	15	20	15	50	15	15	NT	50	370	10	NT	120	15
COM43A	7-Jul-92	REG	15	20	15	50	15	15	NT	50	83	10	NT	120	15
COM43A	6-Oct-92	REG	2.3	0.5	0.6	0.5	0.5	3.1	4.5	0.5	0.5	0.5	0.5	130	0.5
COM43A	7-Jan-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	110	2.5
COM43A	6-Apr-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	120	2.5
COM43A	8-Jul-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	140	2.5
COM43A	5-Oct-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	15	3.9	2.5	2.5	90	2.5
COM43A	5-Jan-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	130	2.5
COM43A	5-Apr-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.8	2.5	2.5	2.5	2.5	130	2.5
COM43A	7-Jul-94	REG	1.0	0.5	0.5	0.5	0.5	2.0	3.2	0.6	0.5	0.5	0.5	190	0.5
COM43A	4-Oct-94	REG	1.3	0.5	0.5	0.5	0.5	2.4	4.3	1.1	0.6	0.5	0.5	150	0.5
COM43A	6-Jan-95	REG	25	25	10	25	10	10	10	62	10	10	25	240	25
COM43A	6-Jan-95	REG	10	10	25	10	25	25	25	53	25	25	10	220	10
COM43A	5-Apr-95	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	2.5	2.5	2.5	110	5.0
COM43A	12-Oct-95	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	120	5.0
COM43A	3-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	2.5	2.5	110	2.5
COM43A	10-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	2.5	2.5	110	2.5
COM43A	11-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	2.5	2.5	110	2.5
COM43A	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.9	0.8	1.0	5.0	0.5	0.5	89	0.5
COM43A	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.8	1.3	5.0	2.0	0.5	0.5	95	0.5
COM43A	17-Sep-99	REG	0.5	0.5	0.5	1.0	0.7	0.5	0.7	0.5	5.0	0.5	0.5	103	0.5
COM43A	20-Dec-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	1.0	1.3	5.0	0.5	0.5	100	0.5
COM43A	14-Feb-00	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.7	1.0	5.0	0.5	0.5	72	0.5
COM43A	24-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	5.0	0.5	0.5	100	0.5
COM43A	24-Jul-00	REG	0.5	0.5	0.5	0.5	0.5	0.6	1.0	5.0	5.0	0.5	0.5	120	0.5
COM43A	5-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.8	5.0	5.0	0.5	0.5	91	0.5
COM43A	23-Jan-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.8	5.0	5.0	0.5	0.5	98	0.5
COM43A	5-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.8	5.0	5.0	0.5	0.5	92	0.5
COM43A	30-Jul-01	REG	0.5	0.5	0.5	0.5	0.5	0.6	0.8	5.0	5.0	0.5	0.5	100	0.5
COM43A	4-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	5.0	5.0	0.5	0.5	92	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

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APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM43A	17-Apr-02	REG	0.5	0.5	0.5	0.5	0.5	0.7	0.9	5.0	5.0	0.5	0.5	100	0.5
COM43A	1-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.7	0.9	5.0	5.0	0.5	0.5	110	0.5
COM43A	7-Apr-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	5.0	0.5	0.5	94	0.5
COM43A	31-Oct-03	REG	0.8	0.5	0.5	0.5	0.5	0.5	1.1	5.0	5.0	0.5	0.5	88	0.5
COM43A	28-Apr-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.8	5.0	5.0	0.5	0.5	81	0.5
COM43A	22-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.8	5.0	5.0	0.5	0.5	72	0.5
COM43A	5-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	5.0	5.0	0.5	0.5	76	0.5
COM43A	20-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.6	1.8	5.0	5.0	0.5	0.5	80	0.5
COM43B1	1-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM43B1	6-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM43B1	9-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM43B1	9-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM43B1	5-Jan-88	REG	0.9	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM43B1	5-Jan-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM43B1	23-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM43B1	5-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	2.8	0.3
COM43B1	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM43B1	1-Apr-90	REG	0.5	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	1.0	0.3
COM43B1	9-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	8.9	0.2	NT	0.7	0.3
COM43B1	10-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	1.3	0.3
COM43B1	8-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	1.3	0.3
COM43B1	15-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.2	0.2	NT	1.1	0.5
COM43B1	8-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM43B1	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM43B1	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.4	0.5
COM43B1	5-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM43B1	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.7	0.5
COM43B1	11-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM43B1	21-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM43B1	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.9	0.5
COM43B1	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM43B1	26-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B1	19-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B1	16-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B1	16-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.7	0.5
COM43B1	4-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.3	0.5
COM43B1	7-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.6	0.5
COM43B1	29-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.9	0.5
COM43B1	27-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	6.5	0.5
COM43B2	1-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM43B2	1-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM43B2	6-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	5.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM43B2	8-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM43B2	8-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM43B2	10-Jan-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM43B2	23-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM43B2	5-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3

Notes:
ND - denotes result was below the detection limit
NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM43B2	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	1.6	0.3
COM43B2	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM43B2	9-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	10	0.2	NT	0.5	0.3
COM43B2	10-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM43B2	8-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM43B2	15-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.2	0.2	NT	0.5	0.5
COM43B2	7-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM43B2	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM43B2	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM43B2	5-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM43B2	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM43B2	11-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	2.5	2.5	2.5	2.5
COM43B2	21-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM43B2	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM43B2	15-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM43B2	22-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B2	19-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B2	16-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B2	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B2	25-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B2	7-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.6	0.5
COM43B2	29-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B2	21-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM43B3	6-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM43B3	16-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM43B3	7-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM43B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM43B3	10-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM43B3	15-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.2	0.2	NT	0.5	0.5
COM43B3	21-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM44A	2-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM44A	3-Jul-87	REG	1.7	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	1.7	0.5
COM44A	5-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	4.0	0.3
COM44A	24-Jun-89	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM44A	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM44A	15-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	8.6	NT	0.7	0.3
COM44A	8-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.5	NT	0.9	0.5
COM44A	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.7	0.5
COM45B1	7-Apr-87	REG	37	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	9000	0.5
COM45B1	9-Jul-87	REG	250	50	72	50	50	880	NT	NT	50	50	50	3700	50
COM45B1	10-Jul-87	REG	110	50	41	50	50	50	NT	NT	60	50	50	3100	50
COM45B1	7-Oct-87	REG	140	0.5	75	0.5	0.5	0.5	NT	310	0.5	0.5	0.5	6500	0.5
COM45B1	16-Dec-87	REG	110	0.5	64	0.5	0.5	0.5	NT	1500	0.5	0.5	0.5	510	0.5
COM45B1	4-Oct-88	REG	130	5.0	72	5.0	5.0	5.0	NT	1700	5.0	5.0	5.0	6000	10
COM45B1	27-Dec-88	REG	54	0.5	27	0.5	0.5	0.5	NT	700	0.5	0.5	0.5	5900	1.0
COM45B1	1-Oct-89	REG	60	80	60	200	60	40	NT	200	200	40	NT	1700	60

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM45B1	1-Jan-90	REG	15	20	15	50	15	10	NT	100	250	10	NT	1100	15
COM45B1	1-Apr-90	REG	6.0	8.0	6.0	20	6.0	4.0	NT	290	100	4.0	NT	1500	6.0
COM45B1	1-Jul-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	860	30
COM45B1	10-Oct-90	REG	30	40	30	100	30	20	NT	100	500	20	NT	630	30
COM45B1	9-Jan-91	REG	30	40	30	100	30	20	NT	100	500	20	NT	520	30
COM45B1	12-Apr-91	REG	50	50	50	NT	50	50	NT	180	100	50	NT	910	100
COM45B1	12-Apr-91	REG	50	50	50	NT	50	50	NT	180	100	50	NT	920	100
COM45B1	10-Jul-91	REG	30	40	30	100	30	20	NT	120	500	20	NT	980	30
COM45B1	3-Oct-91	REG	6.0	40	6.0	20	30	4.0	30	150	100	20	NT	600	30
COM45B1	3-Oct-91	REG	30	8.0	30	100	6.0	20	6.0	150	500	4.0	NT	860	6.0
COM45B1	8-Jan-92	REG	15	20	15	50	15	10	NT	100	250	10	NT	840	15
COM45B1	14-Apr-92	REG	15	20	15	50	15	10	NT	99	26	10	NT	600	25
COM45B1	14-Apr-92	REG	15	20	15	50	15	10	NT	91	26	10	NT	620	25
COM45B1	9-Jul-92	REG	15	20	26	50	15	10	NT	90	36	10	NT	610	15
COM45B1	6-Oct-92	REG	3.8	1.0	8.2	1.0	1.0	1.0	1.0	99	1.0	1.0	1.0	600	1.0
COM45B1	8-Jan-93	REG	10	10	10	10	10	10	10	80	10	10	10	730	10
COM45B1	6-Apr-93	REG	12	12	5.0	12	5.0	12	12	78	12	5.0	5.0	510	5.0
COM45B1	6-Apr-93	REG	5.0	5.0	12	5.0	12	5.0	5.0	74	5.0	12	12	580	12
COM45B1	9-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	88	5.0	5.0	5.0	420	5.0
COM45B1	5-Oct-93	REG	10	10	10	10	10	10	10	43	10	10	10	440	10
COM45B1	5-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	67	5.0	5.0	5.0	410	5.0
COM45B1	7-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	87	13	5.0	5.0	390	5.0
COM45B1	8-Jul-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	63	5.0	5.0	5.0	430	5.0
COM45B1	5-Oct-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	80	5.0	5.0	5.0	500	5.0
COM45B1	6-Jan-95	REG	10	10	10	10	10	10	10	64	10	10	10	290	10
COM45B1	10-Apr-95	REG	5.0	5.0	8.3	5.0	5.0	5.0	5.0	66	5.0	5.0	5.0	230	10
COM45B1	10-Apr-95	REG	5.0	5.0	11	5.0	5.0	5.0	5.0	97	5.0	5.0	5.0	249	10
COM45B1	13-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	71	5.0	5.0	5.0	280	10
COM45B1	9-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	51	10	5.0	5.0	200	5.0
COM45B1	9-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	51	10	5.0	5.0	200	5.0
COM45B1	10-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	46	5.0	2.5	2.5	160	2.5
COM45B1	11-Apr-97	REG	2.5	2.5	2.5	5.0	2.5	2.5	5.0	50	10	2.5	2.5	170	2.5
COM45B1	11-Apr-97	REG	5.0	5.0	5.0	2.5	5.0	5.0	2.5	51	5.0	5.0	5.0	190	5.0
COM45B1	15-Oct-97	REG	0.8	0.5	2.9	0.5	0.5	0.5	0.5	47	5.0	0.5	0.5	240	0.5
COM45B1	13-Oct-98	REG	1.0	0.5	3.0	1.0	0.5	0.5	0.5	42	2.0	0.5	0.5	170	0.5
COM45B1	20-Sep-99	REG	1.0	0.5	1.6	1.0	1.7	0.5	0.5	33	5.0	0.5	0.5	150	0.5
COM45B1	20-Dec-99	REG	0.6	0.5	0.9	1.0	0.5	0.5	0.5	28	5.0	0.5	0.5	120	0.5
COM45B1	14-Feb-00	REG	0.7	0.5	1.0	1.0	0.5	0.5	0.5	25	5.0	0.5	0.5	110	0.5
COM45B1	24-Apr-00	REG	0.8	0.5	1.6	0.5	0.5	0.5	0.5	37	5.0	0.5	0.5	130	0.5
COM45B1	24-Jul-00	REG	0.5	0.5	1.5	0.5	0.5	0.5	0.5	34	5.0	0.5	0.5	160	0.5
COM45B1	5-Oct-00	REG	0.8	0.5	1.4	0.5	0.5	0.5	0.5	32	5.0	0.5	0.5	140	0.5
COM45B1	23-Jan-01	REG	0.9	0.5	1.2	0.5	0.5	0.5	0.5	32	5.0	0.5	0.5	140	0.5
COM45B1	4-Apr-01	REG	0.8	0.5	1.3	0.5	0.5	0.5	0.5	35	5.0	0.5	0.5	110	0.5
COM45B1	30-Jul-01	REG	0.5	0.5	1.3	0.5	0.5	0.5	0.5	34	5.0	0.5	0.5	130	0.5
COM45B1	4-Oct-01	REG	0.7	0.5	1.3	0.5	0.5	0.5	0.5	28	5.0	0.5	0.5	120	0.5
COM45B1	18-Apr-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	1.3	12	5.0	0.5	0.5	8.3	0.5
COM45B1	1-Oct-02	REG	0.8	0.5	1.3	0.5	0.5	0.5	0.5	40	5.0	0.5	0.5	180	0.5
COM45B1	7-Apr-03	REG	0.7	0.5	1.3	0.5	0.5	0.5	0.5	35	5.0	0.5	0.5	150	0.5
COM45B1	31-Oct-03	REG	0.8	0.5	1.2	0.5	0.5	0.5	0.5	38	5.0	0.5	0.5	170	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM45B1	28-Apr-04	REG	0.6	0.5	1.0	0.5	0.5	0.5	0.5	24	5.0	0.5	0.5	140	0.5
COM45B1	22-Oct-04	REG	0.7	0.7	0.8	0.7	0.7	0.7	0.7	19	7.1	0.7	0.7	110	0.7
COM45B1	6-Apr-05	REG	0.7	0.5	1.1	0.5	0.5	0.5	0.5	30	5.0	0.5	0.5	120	0.5
COM45B1	21-Oct-05	REG	1.3	1.3	1.3	1.3	1.3	1.3	1.3	21	13	1.3	1.3	140	1.3
COM45B3	1-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM45B3	3-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM45B3	8-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM45B3	23-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM45B3	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM45B3	11-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM45B3	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM45B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM45B3	10-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM45B3	12-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM45B3	10-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	0.3	1.0	5.0	0.2	NT	0.5	0.3
COM45B3	17-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM45B3	8-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM45B3	21-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM46A	3-Apr-87	REG	16	8.8	2.4	0.5	0.5	0.5	NT	NT	0.5	0.5	7.8	88	0.5
COM46A	8-Jul-87	REG	15	5.1	5.1	0.5	0.5	7.6	NT	NT	0.5	0.5	13	140	0.5
COM46A	6-Oct-87	REG	15	4.0	3.6	0.5	0.5	4.4	NT	22	0.5	0.5	10	120	0.5
COM46A	11-Dec-87	REG	10	0.5	0.5	0.5	0.5	3.6	NT	24	0.5	0.5	7.2	102	0.5
COM46A	5-Jan-88	REG	450	0.5	0.5	0.5	0.5	0.5	NT	680	0.5	0.5	0.5	1300	1.0
COM46A	4-Oct-88	REG	11	0.5	0.5	0.5	0.5	4.8	NT	24	0.5	0.5	7.2	90	1.0
COM46A	8-Mar-89	REG	20	4.0	12	10	3.0	2.0	NT	420	10	2.0	NT	1700	3.0
COM46A	4-Apr-89	REG	11	2.0	1.5	5.0	1.5	1.0	NT	330	5.0	1.0	NT	1500	1.5
COM46A	15-Aug-89	REG	5.3	1.0	0.3	1.0	0.3	1.8	NT	12	1.0	0.2	NT	18	0.3
COM46A	1-Oct-89	REG	5.9	0.6	7.7	1.0	0.3	2.3	NT	28	1.0	0.2	NT	16	0.3
COM46A	1-Oct-89	REG	7.8	1.9	2.6	1.0	0.3	2.4	NT	21	1.0	0.2	NT	22	0.3
COM46A	1-Jan-90	REG	4.8	1.2	0.3	1.0	0.3	2.8	NT	22	5.0	0.2	NT	11	0.3
COM46A	1-Apr-90	REG	5.0	0.9	0.3	1.0	0.3	1.7	NT	25	5.0	0.2	NT	9.8	0.3
COM46A	1-Jul-90	REG	5.5	1.2	2.5	1.0	0.3	2.3	NT	30	5.0	0.2	NT	10	0.3
COM46A	9-Oct-90	REG	4.7	1.2	1.7	1.0	0.3	1.7	NT	26	5.0	0.2	NT	7.8	0.3
COM46A	9-Jan-91	REG	3.8	0.6	0.7	1.0	0.3	1.5	NT	21	5.0	0.2	NT	5.3	0.3
COM46A	11-Apr-91	REG	0.3	0.5	0.6	1.0	0.3	0.7	NT	8.3	5.0	0.2	NT	8.1	0.3
COM46A	10-Jul-91	REG	4.6	0.6	0.5	1.0	0.3	1.2	NT	25	5.0	0.2	NT	9.0	0.3
COM46A	3-Oct-91	REG	3.8	0.8	0.8	1.0	0.3	1.3	0.3	27	5.0	0.2	NT	10	0.3
COM46A	8-Jan-92	REG	2.9	0.6	0.3	1.0	0.3	1.1	NT	19	5.0	0.2	NT	11	0.3
COM46A	7-Apr-92	REG	2.6	0.6	0.6	1.0	0.3	1.5	NT	16	0.5	0.2	NT	13	0.5
COM46A	7-Jul-92	REG	2.6	0.6	0.5	1.0	0.3	1.6	NT	18	2.7	0.2	NT	15	0.3
COM46A	7-Oct-92	REG	2.6	0.5	1.1	0.5	0.5	1.0	0.8	19	0.5	0.5	0.5	15	0.5
COM46A	5-Jan-93	REG	2.5	0.5	0.5	0.5	0.5	0.5	0.5	15	0.5	0.5	0.5	14	0.5
COM46A	5-Jan-93	REG	2.4	0.5	0.5	0.5	0.5	0.5	0.6	15	0.5	0.5	0.5	16	0.5
COM46A	13-Apr-93	REG	2.0	0.5	0.5	0.5	0.5	0.6	0.5	11	0.5	0.5	0.5	12	0.5
COM46A	8-Jul-93	REG	0.8	0.5	0.5	0.5	0.5	0.5	0.5	11	0.5	0.5	0.5	5.4	0.5
COM46A	5-Oct-93	REG	1.9	0.5	0.8	0.5	0.5	1.0	0.7	8.0	0.5	0.5	0.5	8.9	0.5
COM46A	4-Jan-94	REG	1.3	0.5	0.9	0.5	0.5	0.7	0.7	8.6	0.5	0.5	0.5	7.3	0.5

Notes:

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NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM46A	5-Apr-94	REG	1.5	0.5	0.5	0.5	0.5	0.5	0.5	7.3	0.5	0.5	0.5	8.0	0.5
COM46A	7-Jul-94	REG	1.1	0.5	0.5	0.5	0.5	0.5	0.5	5.1	0.5	0.5	0.5	7.3	0.5
COM46A	5-Oct-94	REG	1.2	0.5	0.5	0.5	0.5	0.5	0.5	5.5	0.5	0.5	0.5	8.3	0.5
COM46A	6-Jan-95	REG	1.1	0.5	0.5	0.5	0.5	0.5	0.5	4.9	0.5	0.5	0.5	7.2	0.5
COM46A	11-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.2	0.5	0.5	0.5	6.3	1.0
COM46A	13-Oct-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	7.4	1.0
COM46A	3-Apr-96	REG	0.6	0.5	0.5	0.5	0.5	0.5	0.5	3.4	1.0	0.5	0.5	8.7	0.5
COM46A	10-Oct-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	1.0	0.5	0.5	7.8	0.5
COM46A	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5	1.0	0.5	0.5	7.6	0.5
COM46A	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.4	5.0	0.5	0.5	5.7	0.5
COM46A	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	9.0	0.5
COM46A	17-Sep-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	76	5.0	0.5	0.5	95	0.5
COM46A	20-Dec-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.9	5.0	0.5	0.5	4.8	0.5
COM46A	14-Feb-00	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.8	5.0	0.5	0.5	3.9	0.5
COM46A	24-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	5.4	0.5
COM46A	24-Jul-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	6.0	0.5
COM46A	5-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.8	0.5
COM46A	22-Jan-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	5.2	0.5
COM46A	5-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.4	0.5
COM46A	30-Jul-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.7	0.5
COM46A	4-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	5.1	0.5
COM46A	17-Apr-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.5	0.5
COM46A	1-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.9	0.5
COM46A	8-Apr-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.8	0.5
COM46A	10-Nov-03	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.2	0.5
COM46A	27-Apr-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	3.7	0.5
COM46A	26-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	3.5	0.5
COM46A	5-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	3.7	0.5
COM46A	20-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	4.2	0.5
COM46B1	1-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM46B1	3-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM46B1	8-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	42	0.5	0.5	0.5	0.5	0.5
COM46B1	22-Jun-88	REG	0.7	0.5	0.5	0.5	0.5	0.5	NT	58	0.5	0.5	0.5	0.5	1.0
COM46B1	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	72	0.5	0.5	0.5	0.5	1.0
COM46B1	10-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	15	1.0	0.2	NT	0.5	0.3
COM46B1	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	1.2	NT	42	1.0	0.2	NT	1.0	0.3
COM46B1	1-Apr-90	REG	0.8	0.4	2.2	1.0	0.3	0.4	NT	5.9	5.0	0.2	NT	0.6	0.3
COM46B1	9-Oct-90	REG	1.7	0.4	2.2	1.0	0.3	0.3	NT	110	5.0	0.2	NT	0.5	0.3
COM46B1	11-Apr-91	REG	1.6	0.4	0.3	1.0	0.3	0.2	NT	100	5.0	0.2	NT	0.5	0.3
COM46B1	9-Oct-91	REG	3.8	4.0	3.0	10	3.0	2.0	3.0	170	50	2.0	NT	5.0	3.0
COM46B1	7-Apr-92	REG	1.8	0.2	0.3	1.0	0.3	0.3	NT	90	0.5	0.2	NT	0.5	0.5
COM46B1	7-Oct-92	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	120	2.5	2.5	2.5	2.5	2.5
COM46B1	8-Apr-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	78	2.5	2.5	2.5	2.5	2.5
COM46B1	6-Apr-94	REG	1.1	1.0	1.0	1.0	1.0	1.0	1.0	83	1.0	1.0	1.0	1.0	1.0
COM46B1	11-Apr-95	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	57	2.5	2.5	2.5	2.5	5.0
COM46B1	5-Apr-96	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	49	2.0	1.0	1.0	1.0	1.0
COM46B1	15-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	56	5.0	2.5	2.5	3.1	2.5
COM46B1	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	34	5.0	0.5	0.5	0.5	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM46B1	14-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	31	2.0	0.5	0.5	0.5	0.5
COM46B1	22-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	35	5.0	0.5	0.5	0.5	0.5
COM46B1	1-May-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	34	5.0	0.5	0.5	0.5	0.5
COM46B1	21-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	30	5.0	0.5	0.5	0.5	0.5
COM46B1	17-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	40	5.0	0.5	0.5	0.5	0.5
COM46B1	18-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	31	5.0	0.5	0.5	0.5	0.5
COM46B1	4-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	32	5.0	0.5	0.5	0.5	0.5
COM46B1	10-Nov-03	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	31	5.0	0.5	0.5	0.5	0.5
COM46B1	1-Nov-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	25	5.0	0.5	0.5	0.5	0.5
COM46B1	26-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	21	5.0	0.5	0.5	0.5	0.5
COM46B2	6-Apr-87	REG	24	0.5	10	0.5	0.5	1.1	NT	NT	0.5	0.5	0.5	1200	0.5
COM46B2	6-Apr-87	REG	19	0.5	10	0.5	0.5	0.8	NT	NT	0.5	0.5	0.5	1200	0.5
COM46B2	10-Jul-87	REG	6.1	50	20	50	50	50	NT	NT	50	50	50	890	50
COM46B2	6-Oct-87	REG	10	0.5	3.5	0.5	0.5	0.5	NT	220	0.5	0.5	0.5	370	0.5
COM46B2	6-Oct-87	REG	11	0.5	3.3	0.5	0.5	0.5	NT	230	0.5	0.5	0.5	380	0.5
COM46B2	5-Jan-88	REG	390	0.5	0.5	0.5	0.5	0.5	NT	920	0.5	0.5	0.5	1600	1.0
COM46B2	4-Oct-88	REG	22	5.0	5.0	5.0	5.0	5.0	NT	380	5.0	5.0	5.0	2300	10
COM46B2	8-Mar-89	REG	15	4.0	9.1	10	3.0	2.0	NT	410	10	2.0	NT	2300	3.0
COM46B2	4-Apr-89	REG	12	0.4	7.1	1.0	0.3	0.2	NT	190	1.0	0.2	NT	1300	0.3
COM46B2	15-Aug-89	REG	15	20	15	50	15	10	NT	180	50	10	NT	1700	15
COM46B2	1-Oct-89	REG	12	10	14	25	7.5	5.0	NT	540	25	5.0	NT	1800	7.5
COM46B2	1-Jan-90	REG	30	40	30	100	30	20	NT	150	500	20	NT	900	30
COM46B2	1-Apr-90	REG	11	8.0	6.0	20	6.0	4.0	NT	350	100	4.0	NT	3300	6.0
COM46B2	1-Jul-90	REG	1.5	2.0	1.5	5.0	1.5	1.0	NT	5.0	50	1.0	NT	1000	3.0
COM46B2	9-Oct-90	REG	60	80	60	200	60	40	NT	200	1000	40	NT	800	60
COM46B2	9-Jan-91	REG	30	40	30	100	30	20	NT	160	500	20	NT	570	30
COM46B2	11-Apr-91	REG	25	25	25	NT	25	25	NT	230	50	25	NT	740	50
COM46B2	10-Jul-91	REG	30	40	30	100	30	20	NT	170	500	20	NT	870	30
COM46B2	3-Oct-91	REG	30	40	30	100	30	20	30	210	500	20	NT	940	30
COM46B2	8-Jan-92	REG	15	20	15	50	15	10	NT	120	250	10	NT	750	15
COM46B2	7-Apr-92	REG	15	20	15	50	15	10	NT	120	30	10	NT	820	25
COM46B2	7-Apr-92	REG	15	20	15	50	15	10	NT	120	27	10	NT	870	25
COM46B2	7-Jul-92	REG	60	80	60	200	60	40	NT	120	200	40	NT	770	60
COM46B2	7-Oct-92	REG	3.0	1.0	4.4	1.0	1.0	1.0	1.0	80	1.0	1.0	1.0	480	1.0
COM46B2	14-Jan-93	REG	38	5.0	5.0	5.0	5.0	5.0	5.0	95	5.0	5.0	5.0	460	5.0
COM46B2	6-Apr-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	83	5.0	5.0	5.0	220	5.0
COM46B2	9-Jul-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	140	2.5	2.5	2.5	200	2.5
COM46B2	5-Oct-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	68	2.5	2.5	2.5	160	2.5
COM46B2	5-Jan-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	130	2.5	2.5	2.5	210	2.5
COM46B2	6-Apr-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	63	2.5	2.5	2.5	160	2.5
COM46B2	6-Apr-94	REG	2.9	2.5	2.5	2.5	2.5	2.5	2.5	140	2.5	2.5	2.5	170	2.5
COM46B2	7-Jul-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	120	2.5	2.5	2.5	220	2.5
COM46B2	5-Oct-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	210	2.5	2.5	2.5	4.9	2.5
COM46B2	6-Jan-95	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	170	2.0	2.0	2.0	2.4	2.0
COM46B2	11-Apr-95	REG	2.5	2.5	7.2	2.5	2.5	2.5	2.5	140	2.5	2.5	2.5	3.0	5.0
COM46B2	13-Oct-95	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	110	2.0	2.0	2.0	100	5.0
COM46B2	2-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	89	6.3	2.5	2.5	140	2.5
COM46B2	10-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	59	5.0	2.5	2.5	86	2.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLOROETHANE µg/l	1,1-DICHLOROETHANE µg/l	1,1-DICHLOROETHENE µg/l	1,2-DICHLOROBENZENE µg/l	1,2-DICHLOROETHANE µg/l	CHLOROFORM µg/l	CIS-1,2-DICHLOROETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRACHLOROETHENE µg/l	TRANS-1,2-DICHLOROETHENE µg/l	TRICHLOROETHENE µg/l	VINYL CHLORIDE µg/l
COM46B2	15-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	78	5.0	2.5	2.5	130	2.5
COM46B2	14-Oct-97	REG	0.5	NT	1.6	NT	NT	NT	NT	NT	NT	NT	NT	100	NT
COM46B2	9-Oct-98	FD	1.0	0.5	3.0	1.0	0.5	0.5	0.5	80	2.0	0.5	0.5	110	0.5
COM46B2	9-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	77	2.0	0.5	0.5	100	0.5
COM46B2	17-Sep-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	70	5.0	0.5	0.5	79	0.5
COM46B2	20-Dec-99	REG	0.6	0.5	0.5	1.0	0.5	0.5	0.5	71	5.0	0.5	0.5	92	0.5
COM46B2	14-Feb-00	REG	0.5	0.5	0.7	1.0	0.5	0.5	0.5	52	5.0	0.5	0.5	60	0.5
COM46B2	24-Apr-00	REG	0.6	0.5	0.9	0.5	0.5	0.5	0.5	64	5.0	0.5	0.5	77	0.5
COM46B2	24-Jul-00	REG	0.7	0.5	0.8	0.5	0.5	0.5	0.5	84	5.0	0.5	0.5	120	0.5
COM46B2	5-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	62	5.0	0.5	0.5	62	0.5
COM46B2	22-Jan-01	REG	0.5	0.5	0.6	0.5	0.5	0.5	0.5	66	5.0	0.5	0.5	57	0.5
COM46B2	5-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	77	5.0	0.5	0.5	56	0.5
COM46B2	30-Jul-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	56	5.0	0.5	0.5	49	0.5
COM46B2	4-Oct-01	REG	0.5	0.5	0.6	0.5	0.5	0.5	0.5	60	5.0	0.5	0.5	69	0.5
COM46B2	17-Apr-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	55	5.0	0.5	0.5	54	0.5
COM46B2	1-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	72	5.0	0.5	0.5	62	0.5
COM46B2	8-Apr-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	56	5.0	0.5	0.5	49	0.5
COM46B2	31-Oct-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	58	5.0	0.5	0.5	44	0.5
COM46B2	27-Apr-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	37	5.0	0.5	0.5	40	0.5
COM46B2	26-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	59	5.0	0.5	0.5	40	0.5
COM46B2	5-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	40	5.0	0.5	0.5	38	0.5
COM46B2	21-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	38	5.0	0.5	0.5	40	0.5
COM47B1	3-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM47B1	16-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	13	0.5	0.5	0.5	0.5	1.0
COM47B1	7-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	12	1.0	0.2	NT	2.7	0.3
COM47B1	1-Apr-90	REG	0.3	0.4	0.6	1.0	0.3	0.2	NT	2.4	5.0	0.2	NT	0.5	0.3
COM47B1	15-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM47B1	10-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.3	0.9	0.2	NT	0.5	0.5
COM47B1	24-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM48B1	31-Mar-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM48B1	3-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM48B1	8-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM48B1	5-Jan-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM48B1	17-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM48B1	11-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM48B1	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM48B1	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM48B1	9-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM48B1	11-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM48B1	9-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	0.3	1.0	5.0	0.2	NT	0.5	0.3
COM48B1	14-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.4	0.2	NT	0.5	0.5
COM48B1	7-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM48B1	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM48B1	7-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM48B1	11-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.7	1.0
COM48B1	5-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM48B1	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM48B1	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM48B1	15-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM48B1	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM48B1	28-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM48B1	18-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM48B1	17-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM48B1	18-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM48B1	29-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM48B1	6-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM48B1	20-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM48B1	25-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM49A	22-Oct-89	REG	5.0	5.0	5.0	NT	5.0	5.0	NT	18	10	5.0	NT	25	10
COM49A	1-Jan-90	REG	1.6	0.4	0.3	1.0	0.3	0.2	NT	8.5	5.0	0.2	NT	21	0.3
COM49A	1-Apr-90	REG	3.6	0.4	1.5	2.0	0.6	1.5	NT	1.0	10	0.4	NT	11	0.6
COM49A	1-Apr-90	REG	2.4	0.8	0.6	1.0	0.3	1.0	NT	20	5.0	0.2	NT	21	0.3
COM49A	1-Jul-90	REG	2.8	0.4	0.3	1.0	0.3	1.3	NT	11	5.0	0.2	NT	15	0.3
COM49A	8-Jan-91	REG	1.6	0.4	0.3	1.0	0.3	0.9	NT	0.4	8.6	0.2	NT	8.8	0.3
COM49A	9-Apr-91	REG	1.2	0.4	0.3	1.0	0.3	0.4	NT	5.5	5.0	0.2	NT	9.1	0.3
COM49A	9-Jul-91	REG	2.5	0.4	0.4	1.0	0.3	0.7	NT	14	5.0	0.2	NT	25	0.3
COM49A	8-Oct-91	REG	1.8	0.8	0.6	2.0	0.6	0.8	NT	14	10	0.4	NT	26	0.6
COM49A	7-Jan-92	REG	1.9	0.3	0.3	1.0	0.3	1.0	NT	10	5.0	0.2	NT	17	0.3
COM49A	7-Jan-92	REG	1.8	0.1	0.3	1.0	0.3	1.0	NT	12	5.0	0.2	NT	17	0.3
COM49A	7-Apr-92	REG	1.7	0.1	0.3	1.0	0.3	0.8	NT	9.0	0.5	0.2	NT	16	0.5
COM49A	7-Jul-92	REG	1.9	0.4	0.2	1.0	0.3	0.9	NT	21	1.0	0.2	NT	16	0.3
COM49A	6-Oct-92	REG	1.6	0.5	0.5	0.5	0.5	0.5	0.5	18	0.5	0.5	0.5	21	0.5
COM49A	5-Jan-93	REG	1.6	0.5	0.5	0.5	0.5	0.5	0.5	13	0.5	0.5	0.5	22	0.5
COM49A	12-Apr-93	REG	1.6	0.5	0.5	0.5	0.5	0.5	0.5	17	0.5	0.5	0.5	17	0.5
COM49A	7-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	28	0.5	0.5	0.5	19	0.5
COM49A	5-Oct-93	REG	1.4	0.5	0.5	0.5	0.5	0.6	0.5	19	0.5	0.5	0.5	22	0.5
COM49A	4-Jan-94	REG	1.3	0.5	0.5	0.5	0.5	0.8	0.5	16	0.5	0.5	0.5	23	0.5
COM49A	7-Apr-94	REG	1.4	0.5	0.5	0.5	0.5	0.6	0.5	13	0.5	0.5	0.5	23	0.5
COM49A	6-Jul-94	REG	1.1	0.5	0.5	0.5	0.5	0.5	0.5	9.5	0.5	0.5	0.5	21	0.5
COM49A	4-Oct-94	REG	1.2	0.5	0.5	0.5	0.5	0.8	0.5	6.7	0.5	0.5	0.5	17	0.5
COM49A	6-Jan-95	REG	1.0	0.5	0.5	0.5	0.5	0.8	0.5	7.3	0.5	0.5	0.5	14	0.5
COM49A	12-Apr-95	REG	1.0	0.5	0.5	0.5	0.5	0.5	0.5	8.8	0.5	0.5	0.5	15	1.0
COM49A	4-Oct-95	REG	NT	NT	NT	NT	NT	NT	NT	7.0	NT	NT	NT	16	NT
COM49A	3-Apr-96	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	10	1.0	0.5	0.5	16	0.5
COM49A	8-Oct-96	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	6.6	1.0	0.5	0.5	17	0.5
COM49A	8-Apr-97	REG	0.6	0.5	0.5	0.5	0.5	0.5	0.5	10	1.0	0.5	0.5	18	0.5
COM49A	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.8	0.5	4.1	5.0	0.5	0.5	14	0.5
COM49A	6-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	17	0.5
COM49A	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	2.8	0.5	0.5	0.5	16	0.5
COM49A	1-May-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.0	5.0	0.5	0.5	14	0.5
COM49A	21-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	11	0.5
COM49A	17-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	7.3	5.0	0.5	0.5	13	0.5
COM49A	18-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	13	0.5
COM49A	4-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	14	0.5
COM49A	10-Nov-03	REG	0.8	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	1.1	0.5

Notes:
ND - denotes result was below the detection limit
NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM49A	1-Nov-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	11	0.5
COM49A	26-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	12	0.5
COM49B2	1-Jul-87	REG	4.8	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM49B2	1-Jul-87	REG	5.2	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM49B2	16-Jun-88	REG	12	0.5	0.5	0.5	0.5	0.5	NT	250	0.5	0.5	0.5	0.5	1.0
COM49B2	13-Apr-89	REG	5.6	0.4	0.3	1.0	0.3	0.2	NT	200	1.0	0.2	NT	0.5	0.3
COM49B2	1-Apr-90	REG	7.6	4.0	3.0	10	3.0	2.0	NT	110	50	2.0	NT	5.0	3.0
COM49B2	9-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	9.9	5.0	0.2	NT	0.5	0.3
COM49B2	7-Apr-92	REG	4.1	0.4	0.3	1.0	0.3	0.2	NT	150	0.4	0.2	NT	0.5	0.5
COM49B2	12-Apr-93	REG	2.0	0.5	0.5	0.5	0.5	0.5	0.5	48	0.5	0.5	0.5	0.5	0.5
COM49B2	7-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM49B2	12-Apr-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	61	5.0	5.0	6.3	5.0	10
COM49B2	3-Apr-96	REG	1.9	1.0	1.0	1.0	1.0	1.0	1.0	76	2.0	1.0	1.0	1.0	1.0
COM49B2	8-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.3	1.0	0.5	0.5	0.5	0.5
COM49B2	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12	5.0	0.5	0.5	0.5	0.5
COM49B2	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	7.0	2.0	0.5	0.5	0.5	0.5
COM49B2	19-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	2.0	0.5	0.5	0.5	0.5	0.5
COM49B2	25-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM49B2	19-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM49B2	12-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM49B2	13-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM49B2	30-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM49B2	3-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM49B2	27-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM49B2	28-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	25	5.0	0.5	0.5	0.5	0.5
COM49B3	1-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM49B3	22-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM49B3	22-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM49B3	12-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM49B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM49B3	9-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM49B3	7-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM49B3	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM50B1	2-Apr-87	REG	1.1	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	4.0	0.5
COM50B1	2-Apr-87	REG	1.0	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	4.2	0.5
COM50B1	8-Jul-87	REG	5.3	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	2.2	0.5
COM50B1	6-Oct-87	REG	5.4	0.5	0.2	0.5	0.5	0.5	NT	210	0.5	0.5	0.5	2.0	0.5
COM50B1	9-Dec-87	REG	7.9	0.5	0.5	0.5	0.5	0.5	NT	28	0.5	0.5	0.5	1.6	0.5
COM50B1	7-Apr-88	REG	6.0	0.5	0.5	0.5	0.5	0.5	NT	290	0.5	0.6	0.5	16	0.5
COM50B1	24-Jun-88	REG	8.0	0.5	0.5	0.5	0.5	0.5	NT	140	0.5	0.5	0.5	4.0	1.0
COM50B1	4-Oct-88	REG	12	0.5	0.5	0.5	0.5	0.5	NT	230	0.5	0.5	0.5	22	1.0
COM50B1	20-Dec-88	REG	3.8	0.5	0.5	0.5	0.5	0.5	NT	95	0.5	0.5	0.5	6.1	1.0
COM50B1	7-Mar-89	REG	10	4.0	3.0	10	3.0	2.0	NT	460	10	2.0	NT	13	3.0
COM50B1	12-Apr-89	REG	5.5	0.4	0.3	1.0	0.3	0.2	NT	140	1.0	0.2	NT	2.5	0.3
COM50B1	17-Aug-89	REG	1.4	0.4	0.3	1.0	0.3	0.2	NT	40	1.0	0.2	NT	0.5	0.3
COM50B1	1-Oct-89	REG	2.1	4.0	3.0	10	3.0	2.0	NT	110	10	2.0	NT	2.4	3.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM50B1	1-Jan-90	REG	3.0	4.0	3.0	10	3.0	2.0	NT	110	50	2.0	NT	5.0	3.0
COM50B1	1-Apr-90	REG	1.7	0.8	0.6	2.0	0.6	0.4	NT	38	10	0.4	NT	1.6	0.6
COM50B1	1-Apr-90	REG	1.7	0.8	0.6	2.0	0.6	0.4	NT	56	10	0.4	NT	1.9	0.6
COM50B1	1-Jul-90	REG	3.3	2.0	1.5	5.0	1.5	1.0	NT	63	25	1.0	NT	2.5	1.5
COM50B1	15-Oct-90	REG	3.7	0.4	0.3	1.0	0.3	0.3	NT	140	5.4	0.2	NT	6.6	0.3
COM50B1	8-Jan-91	REG	3.0	4.0	3.0	10	3.0	4.1	NT	140	50	2.0	NT	5.0	3.0
COM50B1	9-Apr-91	REG	0.7	0.4	0.8	NT	0.3	0.2	NT	45	5.0	0.2	NT	0.5	0.3
COM50B1	9-Jul-91	REG	3.0	4.0	3.0	10	3.0	4.3	NT	170	50	2.0	NT	5.0	3.0
COM50B1	8-Oct-91	REG	3.0	4.0	3.0	10	3.0	2.0	NT	230	50	2.0	NT	5.0	3.0
COM50B1	7-Jan-92	REG	4.0	0.4	0.3	1.0	0.3	0.2	NT	240	5.0	0.2	NT	13	0.3
COM50B1	7-Apr-92	REG	1.3	0.4	0.3	1.0	0.3	0.2	NT	67	0.4	0.2	NT	1.8	0.5
COM50B1	7-Jul-92	REG	1.9	0.4	0.3	1.0	0.3	0.2	NT	99	0.7	0.2	NT	0.3	0.3
COM50B1	7-Oct-92	REG	1.5	0.5	0.5	0.5	0.5	0.5	0.5	44	0.5	0.5	0.5	0.7	0.5
COM50B1	5-Jan-93	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	62	1.0	1.0	1.0	1.8	1.0
COM50B1	12-Apr-93	REG	1.7	0.5	0.5	0.5	0.5	0.5	0.5	48	0.5	0.5	0.5	1.4	0.5
COM50B1	7-Jul-93	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	150	2.5	2.5	2.5	2.5	2.5
COM50B1	6-Oct-93	REG	6.8	2.5	2.5	2.5	2.5	2.5	2.5	130	2.5	2.5	2.5	4.8	2.5
COM50B1	4-Jan-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	190	2.5	2.5	2.5	6.8	2.5
COM50B1	7-Apr-94	REG	4.0	2.5	2.5	2.5	2.5	2.5	2.5	110	2.5	2.5	2.5	4.5	2.5
COM50B1	6-Jul-94	REG	2.6	2.5	2.5	2.5	2.5	2.5	2.5	220	2.5	2.5	2.5	5.5	2.5
COM50B1	6-Jul-94	REG	3.4	2.5	2.5	2.5	2.5	2.5	2.5	230	2.5	2.5	2.5	6.4	2.5
COM50B1	4-Oct-94	REG	2.8	2.5	2.5	2.5	2.5	2.5	2.5	230	2.5	2.5	2.5	7.6	2.5
COM50B1	6-Jan-95	REG	1.9	0.5	0.5	0.5	0.5	0.5	0.5	130	0.5	0.5	0.5	0.5	0.5
COM50B1	4-Apr-95	REG	3.1	2.5	2.5	2.5	2.5	2.5	2.5	160	2.5	2.5	2.5	2.5	5.0
COM50B1	4-Oct-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	250	0.5	0.5	0.5	0.5	1.0
COM50B1	3-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	130	5.0	2.5	2.5	2.5	2.5
COM50B1	8-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	92	5.0	2.5	2.5	2.5	2.5
COM50B1	8-Apr-97	REG	10	10	10	10	10	10	10	46	20	10	10	10	10
COM50B1	15-Oct-97	REG	1.4	0.5	0.5	0.5	0.5	0.5	0.5	170	5.0	0.5	0.5	5.7	0.5
COM50B1	6-Oct-98	REG	2.0	0.5	2.0	1.0	0.5	0.5	0.5	150	2.0	0.5	0.5	3.2	0.5
COM50B1	22-Nov-99	REG	1.2	0.5	0.5	1.0	0.5	0.5	0.5	130	5.0	0.5	0.5	4.5	0.5
COM50B1	26-Apr-00	REG	2.2	0.5	0.5	0.5	0.5	0.5	0.5	140	5.0	0.5	0.5	0.5	0.5
COM50B1	21-Oct-00	REG	1.1	0.5	0.5	0.5	0.5	0.5	0.5	88	5.0	0.5	0.5	1.9	0.5
COM50B1	14-Apr-01	REG	1.8	0.5	0.5	0.5	0.5	0.5	0.5	150	5.0	0.5	0.5	0.5	0.5
COM50B1	17-Oct-01	REG	1.1	0.5	0.5	0.5	0.5	0.5	0.5	120	5.0	0.5	0.5	0.5	0.5
COM50B1	1-Nov-02	REG	0.8	0.5	0.5	0.5	0.5	0.5	0.5	120	5.0	0.5	0.5	2.0	0.5
COM50B1	4-Nov-03	REG	1.4	0.5	0.7	0.5	0.5	0.5	0.5	100	5.0	0.5	0.5	0.5	0.5
COM50B1	29-Oct-04	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	80	5.0	0.5	0.5	3.4	0.5
COM50B1	1-Nov-05	REG	0.9	0.5	0.5	0.5	0.5	0.5	0.5	79	5.0	0.5	0.5	3.0	0.5
COM51B1	1-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM51B1	1-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM51B1	8-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM51B1	22-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM51B1	23-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM51B1	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM51B1	11-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM51B1	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM51B1	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM51B1	10-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM51B1	16-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM51B1	11-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	0.3	1.0	5.0	0.2	NT	0.5	0.3
COM51B1	13-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.4	0.2	NT	0.5	0.5
COM51B1	9-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM51B1	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM51B1	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM51B1	13-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM51B1	3-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	0.5	0.5	0.5	0.5
COM51B1	10-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM51B1	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM51B1	13-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM51B1	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM51B1	26-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B1	18-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B1	11-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B1	12-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B1	25-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B1	3-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B1	27-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B1	31-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B2	2-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM51B2	1-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	44	NT	NT	0.5	0.5	0.5	0.5	0.5
COM51B2	11-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM51B2	1-Apr-90	REG	0.4	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM51B2	16-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM51B2	14-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	0.2	0.3	0.2	NT	0.5	0.5
COM51B2	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM51B2	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM51B2	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM51B2	13-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM51B2	3-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM51B2	10-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM51B2	16-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM51B2	13-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM51B2	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM51B2	26-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B2	18-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B2	13-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B2	12-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B2	30-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B2	3-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B2	27-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM51B2	28-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM52B2	1-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM52B2	22-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM52B2	12-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM52B2	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM52B2	9-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM52B2	7-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM52B2	12-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM52B2	7-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM52B2	12-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.7	0.5	1.0
COM52B2	3-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM52B2	8-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM52B2	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM52B2	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM52B2	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM52B2	25-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM52B2	18-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM52B2	17-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM52B2	18-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM52B2	29-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM52B2	6-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM52B2	20-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM52B2	25-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B3	1-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	7.2	0.5
COM53B3	17-Jun-88	REG	0.5	0.5	0.6	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	5.0	1.0
COM53B3	17-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.9	0.5	0.5	0.5	5.0	1.0
COM53B3	12-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	10	0.3
COM53B3	1-Apr-90	REG	0.3	0.4	0.6	1.0	0.3	0.2	NT	1.4	5.0	0.2	NT	15	0.3
COM53B3	16-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	10	0.3
COM53B3	13-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	3.4	0.4	0.2	NT	21	0.5
COM53B3	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.3	0.5
COM53B3	7-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM53B3	7-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM53B3	6-Oct-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1	0.5
COM53B3	5-Jan-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM53B3	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM53B3	7-Jul-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.8	0.5
COM53B3	5-Oct-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	0.5
COM53B3	6-Jan-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM53B3	5-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM53B3	5-Oct-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM53B3	9-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.7	0.5
COM53B3	9-Oct-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM53B3	14-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM53B3	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM53B3	9-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.8	0.5
COM53B3	11-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM53B3	27-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B3	20-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B3	13-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B3	16-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B3	4-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM53B3	6-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B3	29-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B3	24-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B4	1-Jul-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM53B4	22-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM53B4	12-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM53B4	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM53B4	16-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM53B4	13-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.4	0.2	NT	0.5	0.5
COM53B4	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM53B4	7-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM53B4	6-Oct-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5
COM53B4	5-Jan-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5
COM53B4	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5
COM53B4	7-Jul-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM53B4	5-Oct-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.4	0.5
COM53B4	5-Oct-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.3	0.5	0.5	0.5	0.5	0.5
COM53B4	6-Jan-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM53B4	5-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM53B4	5-Oct-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM53B4	9-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM53B4	9-Oct-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM53B4	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM53B4	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM53B4	9-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM53B4	11-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	5.0	0.5	0.5	0.5	0.5
COM53B4	1-May-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B4	20-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B4	17-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B4	16-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B4	1-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B4	6-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM53B4	25-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM54B3	30-Jun-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM54B3	22-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM54B3	12-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM54B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.6	0.3
COM54B3	16-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM54B3	17-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	0.5	0.7	0.2	NT	0.5	0.5
COM54B3	13-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.0	0.5	0.5	0.5	0.5	0.5
COM54B3	8-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.9	0.5	0.6	0.5	0.9	0.5
COM54B3	13-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.2	0.5	0.5	0.5	2.3	1.0
COM54B3	4-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.2	1.0	0.5	0.5	2.0	0.5
COM54B3	15-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.3	1.0	0.5	0.5	1.6	0.5
COM54B3	22-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.0	5.0	0.5	0.5	0.5	0.5
COM54B3	13-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM54B3	12-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	2.6	5.0	0.5	0.5	0.5	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM54B3	28-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM54B3	21-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM54B3	13-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM54B3	16-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM54B3	5-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM54B3	7-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.6	0.5
COM54B3	1-Nov-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM54B3	27-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM54B4	31-Mar-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM54B4	30-Jun-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM54B4	9-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	0.5
COM54B4	22-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM54B4	27-Dec-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM54B4	11-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM54B4	1-Oct-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM54B4	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM54B4	12-Oct-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	7.4	0.2	NT	0.5	0.3
COM54B4	16-Apr-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM54B4	11-Oct-91	REG	0.3	0.4	0.3	1.0	0.3	0.2	0.3	1.0	5.0	0.2	NT	0.5	0.3
COM54B4	15-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM54B4	8-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM54B4	22-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM54B4	22-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM55A	2-Apr-87	REG	7.2	2.0	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	3.2	7.8	0.5
COM55A	8-Jul-87	REG	1.3	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.6	14	0.5
COM55A	6-Oct-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	1.0	0.5	0.5	0.5	5.0	0.5
COM55A	8-Dec-87	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	2.5	0.5	0.5	0.5	2.8	0.5
COM55A	4-Oct-88	REG	2.3	0.5	0.5	0.5	0.5	0.5	NT	7.7	0.5	0.5	1.6	61	1.0
COM55A	27-Dec-88	REG	5.2	0.5	0.5	0.5	0.5	0.5	3.8	36	0.5	0.5	0.5	160	1.0
COM55A	8-Mar-89	REG	3.0	4.0	3.0	10	3.0	2.0	NT	10	10	2.0	NT	110	3.0
COM55A	14-Apr-89	REG	2.0	1.0	3.0	1.0	0.3	1.2	NT	16	1.0	0.2	NT	110	0.3
COM55A	17-Aug-89	REG	3.0	4.0	3.0	10	3.0	2.0	NT	10	10	2.0	NT	180	3.0
COM55A	1-Oct-89	REG	3.0	4.0	4.2	10	3.0	2.0	NT	10	10	2.0	NT	110	3.0
COM55A	1-Jan-90	REG	7.5	10	7.5	25	7.5	5.0	NT	25	125	5.0	NT	150	7.5
COM55A	1-Apr-90	REG	8.7	8.0	6.0	20	6.0	4.0	NT	20	100	4.0	NT	82	6.0
COM55A	1-Jul-90	REG	6.0	4.0	3.0	20	3.0	4.0	NT	10	100	4.0	NT	66	6.0
COM55A	1-Jul-90	REG	5.4	8.0	6.0	10	6.0	5.5	NT	20	50	2.0	NT	87	3.0
COM55A	9-Oct-90	REG	2.1	0.8	1.4	2.0	0.6	1.2	NT	8.2	10	0.4	NT	150	0.6
COM55A	10-Apr-91	REG	5.0	5.0	1.4	1.0	5.0	5.0	NT	62	5.0	0.2	NT	73	0.3
COM55A	10-Apr-91	REG	1.3	0.4	5.0	NT	0.3	0.5	NT	5.8	10	5.0	NT	47	10
COM55A	9-Jul-91	REG	12	16	12	40	12	8.0	NT	40	200	8.0	NT	40	12
COM55A	4-Oct-91	REG	3.0	4.0	3.0	10	3.0	2.0	3.0	10	50	2.0	NT	76	3.0
COM55A	8-Jan-92	REG	1.8	4.0	3.0	10	3.0	1.0	NT	6.8	50	2.0	NT	82	3.0
COM55A	8-Apr-92	REG	3.0	4.0	3.0	10	3.0	3.0	NT	2.6	2.5	2.0	NT	80	5.0
COM55A	8-Apr-92	REG	2.2	4.0	3.0	10	3.0	3.2	NT	3.3	5.2	2.0	NT	86	5.0
COM55A	8-Jul-92	REG	3.0	4.0	3.0	10	3.0	2.0	NT	2.5	4.9	2.0	NT	45	3.0
COM55A	6-Oct-92	REG	1.0	0.5	0.5	0.5	0.5	0.5	0.8	1.7	0.5	0.5	0.5	50	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM55A	8-Jan-93	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	49	1.0
COM55A	13-Apr-93	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.7	2.8	0.5	0.5	0.5	55	0.5
COM55A	8-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.6	0.5	0.5	0.5	48	0.5
COM55A	5-Oct-93	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	42	1.0
COM55A	18-Jan-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	0.5	0.5	30	0.5
COM55A	5-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.2	0.5	0.5	0.5	33	0.5
COM55A	7-Jul-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	0.5	0.5	42	0.5
COM55A	4-Oct-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.5	0.5	0.5	38	0.5
COM55A	6-Jan-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	0.5	0.5	0.5	26	0.5
COM55A	6-Apr-95	REG	0.6	0.5	1.0	0.5	0.5	0.5	0.5	2.6	0.5	0.5	0.6	27	1.0
COM55A	12-Oct-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.0	0.5	0.5	0.5	28	1.0
COM55A	2-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.6	1.7	1.0	0.5	0.5	27	0.5
COM55A	10-Oct-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.0	0.5	0.5	25	0.5
COM55A	10-Oct-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.0	0.5	0.5	25	0.5
COM55A	8-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	23	0.5
COM55A	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.0	5.0	0.5	0.5	39	0.5
COM55A	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	29	0.5
COM55A	17-Sep-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.9	5.0	0.5	0.5	22	0.5
COM55A	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	15	0.5
COM55A	14-Feb-00	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.9	5.0	0.5	0.5	15	0.5
COM55A	24-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	19	0.5
COM55A	24-Jul-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	21	0.5
COM55A	4-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	19	0.5
COM55A	23-Jan-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	20	0.5
COM55A	4-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	16	0.5
COM55A	30-Jul-01	REG	0.5	0.5	0.5	0.5	0.5	0.6	0.5	5.0	5.0	0.5	0.5	15	0.5
COM55A	4-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.9	0.5	5.0	5.0	0.5	0.5	13	0.5
COM55A	17-Apr-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	15	0.5
COM55A	1-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	16	0.5
COM55A	7-Apr-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	15	0.5
COM55A	31-Oct-03	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	13	0.5
COM55A	28-Apr-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	13	0.5
COM55A	22-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	13	0.5
COM55A	5-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	11	0.5
COM55A	20-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.7	5.0	5.0	0.5	0.5	14	0.5
COM55B1	31-Mar-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM55B1	30-Jun-87	REG	3.5	0.5	0.2	0.5	0.5	0.5	NT	5.4	0.5	0.5	0.5	0.5	0.5
COM55B1	8-Dec-87	REG	2.3	0.5	0.5	0.5	0.5	0.5	NT	18	0.5	0.5	0.5	0.5	0.5
COM55B1	14-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	22	0.5	0.5	0.5	0.5	1.0
COM55B1	20-Dec-88	REG	2.3	0.5	0.5	0.5	0.5	0.5	NT	14	0.5	0.5	0.5	2650	1.0
COM55B1	5-Apr-89	REG	1.1	0.4	0.3	1.0	0.3	0.2	NT	11	1.0	0.2	NT	0.5	0.3
COM55B1	1-Oct-89	REG	1.8	0.4	0.3	1.0	0.3	0.2	NT	4.9	1.0	0.2	NT	0.5	0.3
COM55B1	1-Apr-90	REG	1.2	0.6	0.3	1.0	0.3	0.2	NT	5.5	5.0	0.2	NT	0.5	0.3
COM55B1	10-Oct-90	REG	0.5	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM55B1	10-Apr-91	REG	0.7	0.5	3.6	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM55B1	8-Oct-91	REG	1.0	0.4	0.3	1.0	0.3	0.2	NT	10	5.0	0.2	NT	0.5	0.3
COM55B1	8-Apr-92	REG	1.8	1.0	0.2	1.0	0.3	0.4	NT	8.1	0.4	0.2	NT	2.8	0.5
COM55B1	6-Oct-92	REG	1.7	0.5	0.5	0.5	0.5	0.5	0.5	12	0.5	0.5	0.5	4.0	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

		Parameter	1,1,1-TRICHLORO-ETHANE	1,1-DICHLORO-ETHANE	1,1-DICHLORO-ETHENE	1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	CHLORO-FORM	CIS-1,2-DICHLORO-ETHENE	FREON 113	METHYLENE CHLORIDE	TETRA-CHLORO-ETHENE	TRANS-1,2-DICHLORO-ETHENE	TRI-CHLORO-ETHENE	VINYL CHLORIDE
		Units	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location	Date	Sample Purpose													
COM55B1	8-Apr-93	REG	2.4	0.5	0.5	0.5	0.5	0.5	0.5	19	0.5	0.5	0.5	2.5	0.5
COM55B1	7-Apr-94	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	15	2.5	2.5	2.5	200	2.5
COM55B1	6-Apr-95	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	20	2.5	2.5	2.5	95	5.0
COM55B1	6-Apr-95	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	17	2.5	2.5	2.5	91	5.0
COM55B1	2-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	15	5.0	2.5	2.5	140	2.5
COM55B1	2-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	15	5.0	2.5	2.5	140	2.5
COM55B1	8-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	14	7.7	2.5	2.5	140	2.5
COM55B1	8-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	15	7.1	2.5	2.5	130	2.5
COM55B1	16-Oct-97	REG	0.8	0.5	1.5	0.5	0.5	0.5	1.4	15	5.0	0.5	0.5	120	0.5
COM55B1	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	1.5	17	2.0	0.5	0.5	140	0.5
COM55B1	22-Nov-99	REG	0.8	0.5	1.1	1.0	0.5	0.5	1.6	18	5.0	0.5	0.5	170	0.5
COM55B1	26-Apr-00	REG	1.0	0.5	1.3	0.5	0.5	0.5	1.9	14	5.0	0.5	0.5	180	0.5
COM55B1	21-Oct-00	REG	0.8	0.5	1.0	0.5	0.5	0.5	1.7	10	5.0	0.5	0.5	170	0.5
COM55B1	14-Apr-01	REG	0.8	0.5	1.2	0.5	0.5	0.5	1.9	13	5.0	0.5	0.5	170	0.5
COM55B1	17-Oct-01	REG	0.8	0.5	0.9	0.5	0.5	0.5	1.5	15	5.0	0.5	0.5	150	0.5
COM55B1	1-Nov-02	REG	0.9	0.5	1.3	0.5	0.5	0.5	2.0	15	5.0	0.5	0.5	190	0.5
COM55B1	4-Nov-03	REG	1.0	0.5	0.8	0.5	0.5	0.5	1.6	7.6	5.0	0.5	0.5	160	0.5
COM55B1	29-Oct-04	REG	1.0	1.0	1.1	1.0	1.0	1.0	1.6	11	10	1.0	1.0	140	1.0
COM55B1	1-Nov-05	REG	0.8	0.5	0.8	0.5	0.5	0.5	1.4	11	5.0	0.5	0.5	110	0.5
COM56B3	2-Apr-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM56B3	30-Jun-87	REG	0.5	0.5	0.2	0.5	0.5	0.5	NT	NT	0.5	0.5	0.5	0.5	0.5
COM56B3	24-Jun-88	REG	0.5	0.5	0.5	0.5	0.5	0.5	NT	0.5	0.5	0.5	0.5	0.5	1.0
COM56B3	7-Apr-89	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	1.0	0.2	NT	0.5	0.3
COM56B3	1-Apr-90	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	5.0	0.2	NT	0.5	0.3
COM56B3	9-Apr-91	REG	0.3	0.4	0.3	NT	0.3	0.2	NT	1.0	5.0	0.2	NT	0.6	0.3
COM56B3	14-Apr-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	1.0	0.3	0.2	NT	0.5	0.5
COM56B3	20-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM59B1	13-Apr-92	REG	15	20	15	50	15	10	NT	15	50	10	NT	460	25
COM59B1	7-Oct-92	REG	10	10	10	10	10	10	10	70	10	10	10	1000	10
COM59B1	7-Jan-93	REG	25	25	25	25	25	25	25	100	25	25	25	1600	25
COM59B1	13-Apr-93	REG	10	10	10	10	10	10	10	10	10	10	10	430	10
COM59B1	9-Jul-93	REG	25	25	25	25	25	25	25	160	25	25	25	1400	25
COM59B1	5-Oct-93	REG	10	10	10	10	10	10	10	52	10	10	10	1100	10
COM59B1	5-Jan-94	REG	25	25	25	25	25	25	25	54	25	25	25	1300	25
COM59B1	5-Jan-94	REG	25	25	25	25	25	25	25	73	25	25	25	980	25
COM59B1	8-Apr-94	REG	25	25	25	43	26	25	25	120	33	25	25	1400	25
COM59B1	8-Jul-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	10	5.0	5.0	5.0	510	5.0
COM59B1	4-Oct-94	REG	5.0	25	5.0	25	25	5.0	25	31	5.0	25	25	710	5.0
COM59B1	4-Oct-94	REG	25	5.0	25	5.0	5.0	25	5.0	29	25	5.0	5.0	760	25
COM59B1	6-Jan-95	REG	25	25	25	25	25	25	25	120	25	25	25	1400	25
COM59B1	5-Apr-95	REG	25	25	36	25	25	25	25	78	25	25	25	1000	50
COM59B1	12-Oct-95	REG	25	25	25	25	25	25	25	50	25	25	25	540	50
COM59B1	9-Apr-96	REG	10	10	10	10	10	10	10	56	20	10	10	710	10
COM59B1	9-Oct-96	REG	10	10	10	10	10	10	10	22	20	10	10	580	10
COM59B1	8-Apr-97	REG	25	25	25	25	25	25	25	25	50	25	25	570	25
COM59B1	14-Oct-97	REG	0.8	0.5	2.9	0.5	0.5	0.5	1.3	37	5.0	0.5	0.5	500	0.5
COM59B1	9-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	1.5	25	2.0	0.5	0.5	430	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus
TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM59B1	20-Sep-99	REG	1.3	0.5	2.7	1.0	1.2	0.5	1.8	34	5.0	0.5	0.5	480	0.5
COM59B1	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	1.3	38	2.0	0.5	0.5	470	0.5
COM59B1	14-Feb-00	REG	0.9	0.5	1.9	1.0	0.5	0.5	1.8	30	5.0	0.5	0.5	520	0.5
COM59B1	24-Apr-00	REG	1.7	1.7	1.7	1.7	1.7	1.7	1.8	35	17	1.7	1.7	470	1.7
COM59B1	24-Jul-00	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	36	20	2.0	2.0	510	2.0
COM59B1	4-Oct-00	REG	1.3	1.3	1.5	1.3	1.3	1.3	1.7	29	13	1.3	1.3	420	1.3
COM59B1	22-Jan-01	REG	1.3	1.3	1.3	1.3	1.3	1.3	1.8	26	13	1.3	1.3	400	1.3
COM59B1	4-Apr-01	REG	1.3	1.3	1.3	1.3	1.3	1.3	1.9	33	13	1.3	1.3	370	1.3
COM59B1	30-Jul-01	REG	1.3	1.3	1.3	1.3	1.3	1.3	1.9	26	13	1.3	1.3	380	1.3
COM59B1	3-Oct-01	REG	1.3	1.3	1.7	1.3	1.3	1.3	2.4	27	13	1.3	1.3	340	1.3
COM59B1	18-Apr-02	REG	1.3	1.3	1.7	1.3	1.3	1.3	2.5	27	13	1.3	1.3	380	1.3
COM59B1	2-Oct-02	REG	1.3	1.3	1.3	1.3	1.3	1.3	1.9	29	13	1.3	1.3	390	1.3
COM59B1	7-Apr-03	REG	1.3	1.3	2.2	1.3	1.3	1.3	3.1	24	13	1.3	1.3	350	1.3
COM59B1	31-Oct-03	REG	1.9	1.3	1.3	1.3	1.3	1.3	2.6	17	13	1.3	1.3	280	1.3
COM59B1	28-Apr-04	REG	1.0	1.0	1.5	1.0	1.0	1.0	2.3	18	10	1.0	1.0	240	1.0
COM59B1	22-Oct-04	REG	0.5	0.5	2.1	0.5	0.5	0.5	2.7	21	5.0	0.5	0.5	200	0.5
COM59B1	5-Apr-05	REG	1.3	1.3	1.4	1.3	1.3	1.3	2.1	13	13	1.3	1.3	160	1.3
COM59B1	20-Oct-05	REG	0.5	0.5	1.5	0.5	0.5	0.5	1.8	18	5.0	0.5	0.5	130	0.5
COM59B2	13-Apr-92	REG	15	20	15	50	15	10	NT	36	62	10	NT	650	25
COM59B2	9-Oct-92	REG	10	10	10	10	10	10	10	38	10	10	10	920	10
COM59B2	8-Jan-93	REG	10	10	10	10	10	10	10	32	10	10	10	900	10
COM59B2	13-Apr-93	REG	25	25	25	25	25	25	25	55	25	25	25	1300	25
COM59B2	9-Jul-93	REG	10	10	10	10	10	10	10	70	10	10	10	760	10
COM59B2	6-Oct-93	REG	25	25	25	25	25	25	25	58	25	25	25	1700	25
COM59B2	5-Jan-94	REG	12	12	12	12	12	12	12	40	12	12	12	1000	12
COM59B2	8-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	31	5.0	5.0	5.0	420	5.0
COM59B2	8-Jul-94	REG	10	10	10	10	10	10	10	22	32	10	10	1300	10
COM59B2	5-Oct-94	REG	12	12	12	12	12	12	12	32	12	12	12	1300	12
COM59B2	6-Jan-95	REG	25	25	25	25	25	25	25	69	25	25	25	1300	25
COM59B2	13-Apr-95	REG	25	25	25	25	25	25	25	65	25	25	25	1000	50
COM59B2	12-Oct-95	REG	25	25	25	25	25	25	25	110	25	25	25	1200	50
COM59B2	9-Apr-96	REG	25	25	25	25	25	25	25	47	50	25	25	880	25
COM59B2	9-Oct-96	REG	25	25	25	25	25	25	25	25	50	25	25	780	25
COM59B2	8-Apr-97	REG	25	25	25	25	25	25	25	38	50	25	25	820	25
COM59B2	14-Oct-97	REG	1.3	0.5	1.9	0.5	0.5	0.5	29	74	5.0	0.5	0.5	770	0.5
COM59B2	14-Oct-97	REG	1.1	0.5	2.0	0.5	0.5	0.5	28	73	5.0	0.5	0.5	760	0.5
COM59B2	9-Oct-98	REG	1.0	0.5	3.0	1.0	0.5	0.5	35	36	2.0	0.5	0.5	640	0.5
COM59B2	20-Sep-99	REG	1.1	0.5	1.6	1.0	1.9	0.5	35	0.5	5.0	0.5	0.6	690	0.5
COM59B2	20-Dec-99	REG	1.0	0.5	2.0	1.0	0.5	0.5	33	21	2.0	0.8	0.5	640	0.5
COM59B2	14-Feb-00	REG	0.7	0.5	0.9	1.0	0.5	0.5	40	26	5.0	0.5	0.8	670	0.5
COM59B2	24-Apr-00	REG	2.3	2.3	2.3	2.3	2.3	2.3	29	23	23	2.3	2.3	470	2.3
COM59B2	24-Jul-00	REG	2.5	2.5	2.5	2.5	2.5	2.5	40	32	25	2.5	2.5	610	2.5
COM59B2	4-Oct-00	REG	1.7	1.7	1.7	1.7	1.7	1.7	36	32	17	1.7	1.7	550	1.7
COM59B2	22-Jan-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	34	32	17	1.7	2.0	550	1.7
COM59B2	4-Apr-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	36	35	17	1.7	2.0	480	1.7
COM59B2	30-Jul-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	38	31	17	1.7	1.7	530	1.7
COM59B2	3-Oct-01	REG	1.7	1.7	1.7	1.7	1.7	1.7	50	34	17	1.7	1.7	540	1.7
COM59B2	18-Apr-02	REG	1.7	1.7	1.7	1.7	1.7	1.7	30	33	17	1.7	1.7	550	1.7

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM59B2	2-Oct-02	REG	2.0	2.0	2.0	2.0	2.0	2.0	42	43	20	2.0	2.0	550	2.0
COM59B2	7-Apr-03	REG	2.0	2.0	2.0	2.0	2.0	2.0	43	53	20	2.0	2.0	550	2.0
COM59B2	31-Oct-03	REG	2.5	2.0	2.0	2.0	2.0	2.0	42	48	20	2.0	2.0	520	2.0
COM59B2	28-Apr-04	REG	0.5	0.5	0.9	0.5	0.5	0.5	1.7	18	5.0	0.5	0.5	150	0.5
COM59B2	29-Oct-04	REG	3.1	3.1	3.1	3.1	3.1	3.1	29	31	31	3.1	3.1	450	3.1
COM59B2	5-Apr-05	REG	2.0	2.0	2.0	2.0	2.0	2.0	34	25	20	2.0	2.0	460	2.0
COM59B2	20-Oct-05	REG	2.0	2.0	2.1	2.0	2.0	2.0	30	33	20	2.0	2.0	470	2.0
COM60B1	9-Apr-92	REG	15	20	7.2	50	15	10	NT	42	16	10	NT	650	25
COM60B1	9-Oct-92	REG	5.0	5.0	9.0	5.0	5.0	5.0	5.0	36	5.0	5.0	5.0	540	5.0
COM60B1	8-Jan-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	49	5.0	5.0	5.0	470	5.0
COM60B1	6-Apr-93	REG	10	10	10	10	10	10	10	58	10	10	10	430	10
COM60B1	8-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	50	5.0	5.0	5.0	300	5.0
COM60B1	6-Oct-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	31	5.0	5.0	5.0	410	5.0
COM60B1	5-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	45	5.0	5.0	5.0	370	5.0
COM60B1	6-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	42	5.0	5.0	5.0	350	5.0
COM60B1	7-Jul-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	57	5.0	5.0	5.0	520	5.0
COM60B1	4-Oct-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	39	5.0	5.0	5.0	380	5.0
COM60B1	6-Jan-95	REG	10	10	10	10	10	10	10	44	10	10	10	420	10
COM60B1	7-Apr-95	REG	5.0	5.0	9.5	5.0	5.0	5.0	5.0	46	5.0	5.0	5.0	290	10
COM60B1	12-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	45	5.0	5.0	5.0	230	10
COM60B1	9-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	27	10	5.0	5.0	190	5.0
COM60B1	10-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	8.2	5.0	2.5	2.5	160	2.5
COM60B1	10-Apr-97	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	15	10	5.0	5.0	150	5.0
COM60B1	14-Oct-97	REG	0.5	0.5	2.9	0.5	0.5	0.5	0.5	30	5.0	0.5	0.5	170	0.5
COM60B1	12-Oct-98	FD	1.0	0.5	2.0	1.0	0.5	0.5	0.7	9.0	2.0	0.5	0.5	130	0.5
COM60B1	12-Oct-98	REG	1.0	0.5	3.0	1.0	0.5	0.5	0.8	11	2.0	0.5	0.5	140	0.5
COM60B1	17-Sep-99	REG	0.8	0.5	2.4	1.0	2.4	0.5	0.8	6.2	5.0	0.5	0.5	200	0.5
COM60B1	20-Dec-99	REG	0.8	0.5	2.0	1.0	0.5	0.5	1.0	22	5.0	0.5	0.5	180	0.5
COM60B1	14-Feb-00	REG	0.6	0.5	1.5	1.0	0.5	0.5	0.8	15	5.0	0.5	0.5	140	0.5
COM60B1	24-Apr-00	REG	0.8	0.5	2.7	0.5	0.5	0.5	0.9	20	5.0	0.5	0.5	160	0.5
COM60B1	24-Jul-00	REG	1.0	0.6	2.4	0.5	0.5	0.5	1.0	21	5.0	0.5	0.5	200	0.5
COM60B1	5-Oct-00	REG	0.8	0.6	2.5	0.5	0.5	0.5	1.1	18	5.0	0.5	0.5	170	0.5
COM60B1	23-Jan-01	REG	0.7	0.7	1.9	0.7	0.7	0.7	1.1	18	7.1	0.7	0.7	170	0.7
COM60B1	5-Apr-01	REG	0.7	0.6	2.7	0.5	0.5	0.5	1.1	25	5.0	0.5	0.5	200	0.5
COM60B1	30-Jul-01	REG	0.7	0.5	2.4	0.5	0.5	0.5	1.0	18	5.0	0.5	0.5	190	0.5
COM60B1	4-Oct-01	REG	0.8	0.6	2.1	0.5	0.5	0.5	1.2	22	5.0	0.5	0.5	180	0.5
COM60B1	18-Apr-02	REG	0.7	0.5	2.6	0.5	0.5	0.5	1.0	24	5.0	0.5	0.5	200	0.5
COM60B1	1-Oct-02	REG	0.8	0.8	0.8	0.8	0.8	0.8	1.4	19	8.3	0.8	0.8	170	0.8
COM60B1	7-Apr-03	REG	0.7	0.7	2.2	0.7	0.7	0.7	2.2	19	7.1	0.7	0.7	180	0.7
COM60B1	31-Oct-03	REG	1.1	0.7	1.7	0.7	0.7	0.7	1.2	20	7.1	0.7	0.7	170	0.7
COM60B1	28-Apr-04	REG	0.6	0.5	1.7	0.5	0.5	0.5	1.2	16	5.0	0.5	0.5	160	0.5
COM60B1	22-Oct-04	REG	0.5	0.5	1.9	0.5	0.5	0.5	1.5	18	5.0	0.5	0.5	130	0.5
COM60B1	5-Apr-05	REG	0.5	0.5	1.8	0.5	0.5	0.5	1.3	15	5.0	0.5	0.5	130	0.5
COM60B1	21-Oct-05	REG	1.0	1.0	1.4	1.0	1.0	1.0	1.8	13	10	1.0	1.0	150	1.0
COM60B2	9-Apr-92	REG	2.9	0.2	6.1	1.0	0.3	0.6	NT	61	0.8	0.1	NT	2100	0.5
COM60B2	9-Oct-92	REG	25	25	25	25	25	25	25	180	25	25	25	2100	25
COM60B2	8-Jan-93	REG	12	12	12	12	12	12	12	80	12	12	12	1300	12

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM60B2	13-Apr-93	REG	25	25	25	25	25	25	25	45	25	25	25	1200	25
COM60B2	8-Jul-93	REG	25	12	12	25	25	12	12	89	12	25	25	1200	25
COM60B2	8-Jul-93	REG	12	25	25	12	12	25	25	25	25	12	12	1200	12
COM60B2	5-Oct-93	REG	25	25	25	25	25	25	25	46	25	25	25	1300	25
COM60B2	4-Jan-94	REG	25	25	25	25	25	25	25	140	25	25	25	1200	25
COM60B2	4-Jan-94	REG	25	25	25	25	25	25	25	130	25	25	25	1200	25
COM60B2	6-Apr-94	REG	12	12	12	12	12	12	12	120	12	12	12	980	12
COM60B2	8-Jul-94	REG	12	12	12	12	12	12	12	49	46	12	12	740	12
COM60B2	8-Jul-94	REG	12	12	12	12	12	12	12	51	12	12	12	770	12
COM60B2	4-Oct-94	REG	12	12	12	12	12	12	12	110	12	12	12	1300	12
COM60B2	6-Jan-95	REG	10	10	10	10	10	10	10	15	10	10	10	230	10
COM60B2	7-Apr-95	REG	10	10	15	10	10	10	10	94	10	10	10	680	20
COM60B2	12-Oct-95	REG	10	10	10	10	10	10	10	56	10	10	10	600	20
COM60B2	9-Apr-96	REG	10	10	10	10	10	10	10	44	20	10	10	420	10
COM60B2	10-Oct-96	REG	10	10	10	10	10	10	10	42	20	10	10	430	10
COM60B2	10-Apr-97	REG	10	10	10	10	10	10	10	33	20	10	10	340	10
COM60B2	24-Oct-97	REG	0.5	0.5	2.0	0.5	0.5	0.5	0.5	65	5.0	0.5	0.5	350	0.5
COM60B2	12-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	53	2.0	0.5	0.5	370	0.5
COM60B2	20-Sep-99	REG	0.8	0.5	1.3	1.0	2.1	0.5	0.5	40	5.0	0.5	0.5	370	0.5
COM60B2	20-Dec-99	REG	2.5	2.5	2.5	5.0	2.5	2.5	2.5	41	25	2.5	2.5	350	2.5
COM60B2	14-Feb-00	REG	0.5	0.5	1.0	1.0	0.5	0.5	0.5	31	5.0	0.5	0.5	290	0.5
COM60B2	24-Apr-00	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	39	10	1.0	1.0	270	1.0
COM60B2	31-Jul-00	FD	1.3	1.3	1.3	1.3	1.3	1.3	1.3	34	13	1.3	1.3	310	1.3
COM60B2	31-Jul-00	REG	1.3	1.3	1.3	1.3	1.3	1.3	1.3	39	13	1.3	1.3	310	1.3
COM60B2	5-Oct-00	FD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	35	10	1.0	1.0	280	1.0
COM60B2	5-Oct-00	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	34	10	1.0	1.0	270	1.0
COM60B2	23-Jan-01	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	35	10	1.0	1.0	310	1.0
COM60B2	5-Apr-01	REG	0.6	0.6	1.4	0.5	0.5	0.5	0.5	53	5.0	0.5	0.5	290	0.5
COM60B2	30-Jul-01	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	34	10	1.0	1.0	310	1.0
COM60B2	4-Oct-01	FD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	36	10	1.0	1.0	300	1.0
COM60B2	4-Oct-01	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	37	10	1.0	1.0	320	1.0
COM60B2	18-Apr-02	FD	1.3	1.3	1.4	1.3	1.3	1.3	1.3	40	13	1.3	1.3	380	1.3
COM60B2	18-Apr-02	REG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	35	10	1.0	1.0	360	1.0
COM60B2	1-Oct-02	FD	1.3	1.3	1.3	1.3	1.3	1.3	1.3	36	13	1.3	1.3	400	1.3
COM60B2	1-Oct-02	REG	1.3	1.3	1.3	1.3	1.3	1.3	1.3	39	13	1.3	1.3	410	1.3
COM60B2	7-Apr-03	FD	2.0	2.0	2.0	2.0	2.0	2.0	2.4	46	20	2.0	2.0	480	2.0
COM60B2	7-Apr-03	REG	1.7	1.7	1.9	1.7	1.7	1.7	2.6	46	17	1.7	1.7	440	1.7
COM60B2	31-Oct-03	FD	2.8	2.0	2.0	2.0	2.0	2.0	2.0	30	20	2.0	2.0	410	2.0
COM60B2	31-Oct-03	REG	2.2	1.7	1.7	1.7	1.7	1.7	1.7	31	17	1.7	1.7	410	1.7
COM60B2	28-Apr-04	FD	1.0	1.0	1.3	1.0	1.0	1.0	1.0	34	10	1.0	1.0	380	1.0
COM60B2	28-Apr-04	REG	1.7	1.7	1.7	1.7	1.7	1.7	1.7	29	17	1.7	1.7	350	1.7
COM60B2	22-Oct-04	REG	0.5	0.5	1.1	0.5	0.5	0.5	0.6	33	5.0	0.5	0.5	290	0.5
COM60B2	6-Apr-05	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	26	20	2.0	2.0	300	2.0
COM60B2	21-Oct-05	FD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	29	20	2.0	2.0	320	2.0
COM60B2	21-Oct-05	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	29	20	2.0	2.0	310	2.0
COM61B2	7-Apr-92	REG	60	80	60	200	60	40	NT	150	140	40	NT	970	100
COM61B2	8-Oct-92	REG	10	10	10	10	10	10	10	310	10	10	10	1200	10
COM61B2	5-Jan-93	REG	12	12	12	12	12	12	12	230	12	12	12	1100	12

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

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APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM61B2	6-Apr-93	REG	25	25	25	25	25	25	25	180	25	25	25	780	25
COM61B2	8-Jul-93	REG	10	10	10	10	10	10	10	290	10	10	10	540	10
COM61B2	5-Oct-93	REG	6.5	5.0	5.0	5.0	5.0	5.0	5.0	130	5.0	5.0	5.0	390	5.0
COM61B2	4-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	230	5.0	5.0	5.0	500	5.0
COM61B2	5-Apr-94	REG	10	10	10	10	10	10	10	140	10	10	10	380	10
COM61B2	7-Jul-94	REG	10	10	10	10	10	10	10	120	10	10	10	400	10
COM61B2	5-Oct-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	180	5.0	5.0	5.0	480	5.0
COM61B2	6-Jan-95	REG	10	10	10	10	10	10	10	160	10	10	10	330	10
COM61B2	11-Apr-95	REG	5.0	5.0	9.5	5.0	5.0	5.0	5.0	124	5.0	5.0	5.0	250	10
COM61B2	13-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	160	5.0	5.0	5.0	280	10
COM61B2	2-Apr-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	120	10	5.0	5.0	270	5.0
COM61B2	10-Oct-96	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	85	10	5.0	5.0	210	5.0
COM61B2	15-Apr-97	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	89	10	5.0	5.0	230	5.0
COM61B2	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	120	5.0	0.5	0.5	190	0.5
COM61B2	15-Oct-98	FD	1.0	0.5	2.0	1.0	0.5	0.5	0.5	270	2.0	0.5	0.5	170	0.5
COM61B2	15-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	99	2.0	0.5	0.5	170	0.5
COM61B2	17-Sep-99	REG	0.8	0.5	2.1	1.0	0.5	0.5	0.5	110	5.0	0.5	0.5	230	0.5
COM61B2	20-Dec-99	REG	0.5	0.5	0.9	1.0	0.5	0.5	0.5	79	5.0	0.5	0.5	170	0.5
COM61B2	14-Feb-00	REG	0.5	0.5	1.2	1.0	0.5	0.5	0.5	65	5.0	0.5	0.5	140	0.5
COM61B2	24-Apr-00	REG	0.6	0.5	1.7	0.5	0.5	0.5	0.5	84	5.0	0.5	0.5	190	0.5
COM61B2	31-Jul-00	REG	0.6	0.5	1.7	0.5	0.5	0.5	0.5	94	5.0	0.5	0.5	150	0.5
COM61B2	5-Oct-00	REG	0.5	0.5	1.2	0.5	0.5	0.5	0.5	75	5.0	0.5	0.5	160	0.5
COM61B2	22-Jan-01	REG	0.5	0.5	1.5	0.5	0.5	0.5	0.5	88	5.0	0.5	0.5	160	0.5
COM61B2	5-Apr-01	REG	0.5	0.5	1.2	0.5	0.5	0.5	0.5	99	5.0	0.5	0.5	190	0.5
COM61B2	30-Jul-01	REG	0.5	0.5	1.4	0.5	0.5	0.5	0.5	85	5.0	0.5	0.5	180	0.5
COM61B2	4-Oct-01	REG	0.5	0.5	1.2	0.5	0.5	0.5	0.5	77	5.0	0.5	0.5	170	0.5
COM61B2	17-Apr-02	REG	0.5	0.5	1.2	0.5	0.5	0.5	0.5	72	5.0	0.5	0.5	170	0.5
COM61B2	1-Oct-02	REG	0.5	0.5	1.1	0.5	0.5	0.5	0.5	110	5.0	0.5	0.5	190	0.5
COM61B2	8-Apr-03	REG	0.7	0.7	1.1	0.7	0.7	0.7	0.7	73	7.1	0.7	0.7	140	0.7
COM61B2	31-Oct-03	REG	0.5	0.5	0.9	0.5	0.5	0.5	0.5	88	5.0	0.5	0.5	160	0.5
COM61B2	27-Apr-04	REG	0.5	0.5	1.0	0.5	0.5	0.5	0.5	63	5.0	0.5	0.5	140	0.5
COM61B2	26-Oct-04	REG	0.7	0.7	0.7	0.7	0.7	0.7	0.7	49	7.1	0.7	0.7	100	0.7
COM61B2	5-Apr-05	REG	0.8	0.8	0.8	0.8	0.8	0.8	0.8	45	8.3	0.8	0.8	120	0.8
COM61B2	6-Apr-05	FD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	30	20	2.0	2.0	290	2.0
COM61B2	21-Oct-05	REG	0.5	0.5	1.0	0.5	0.5	0.5	0.5	52	5.0	0.5	0.5	130	0.5
COM62B1	14-Apr-92	REG	3.0	4.0	3.0	10	3.0	2.0	NT	24	4.2	2.0	NT	120	5.0
COM62B1	7-Oct-92	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	41	2.5	2.5	2.5	240	2.5
COM62B1	8-Jan-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	53	5.0	5.0	5.0	450	5.0
COM62B1	6-Apr-93	REG	10	10	10	10	10	10	10	38	10	10	10	300	10
COM62B1	8-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	56	5.0	5.0	5.0	270	5.0
COM62B1	5-Oct-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	39	5.0	5.0	5.0	290	5.0
COM62B1	5-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	61	5.0	5.0	5.0	280	5.0
COM62B1	5-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.2	0.5	0.5	0.5	18	0.5
COM62B1	7-Jul-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	45	5.0	5.0	5.0	250	5.0
COM62B1	5-Oct-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	31	5.0	5.0	5.0	220	5.0
COM62B1	6-Jan-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	30	5.0	5.0	5.0	170	5.0
COM62B1	10-Apr-95	REG	2.5	2.5	3.3	2.5	2.5	2.5	2.5	16	2.5	2.5	2.5	115	5.0
COM62B1	13-Oct-95	REG	2.0	2.0	2.0	2.0	2.0	2.0	2.0	12	2.0	2.0	2.0	130	5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM62B1	2-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	34	5.5	2.5	2.5	150	2.5
COM62B1	10-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	28	5.0	2.5	2.5	140	2.5
COM62B1	15-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	12	5.0	2.5	2.5	140	2.5
COM62B1	15-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	19	5.0	0.5	0.5	92	0.5
COM62B1	8-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	16	2.0	0.5	0.5	91	0.5
COM62B1	20-Sep-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	21	5.0	0.5	0.5	96	0.5
COM62B1	20-Dec-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	20	5.0	0.5	0.5	82	0.5
COM62B1	14-Feb-00	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	21	5.0	0.5	0.5	74	0.5
COM62B1	24-Apr-00	REG	0.5	0.5	0.7	0.5	0.5	0.5	0.5	25	5.0	0.5	0.5	93	0.5
COM62B1	24-Jul-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	11	5.0	0.5	0.5	48	0.5
COM62B1	5-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	11	5.0	0.5	0.5	56	0.5
COM62B1	22-Jan-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	17	5.0	0.5	0.5	75	0.5
COM62B1	5-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	18	5.0	0.5	0.5	68	0.5
COM62B1	30-Jul-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	15	5.0	0.5	0.5	81	0.5
COM62B1	4-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	19	5.0	0.5	0.5	73	0.5
COM62B1	17-Apr-02	REG	0.5	0.5	0.6	0.5	0.5	0.5	0.5	16	5.0	0.5	0.5	78	0.5
COM62B1	1-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	15	5.0	0.5	0.5	79	0.5
COM62B1	8-Apr-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	9.0	5.0	0.5	0.5	61	0.5
COM62B1	31-Oct-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.8	5.0	0.5	0.5	49	0.5
COM62B1	27-Apr-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.9	5.0	0.5	0.5	54	0.5
COM62B1	22-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	8.7	5.0	0.5	0.5	47	0.5
COM62B1	5-Apr-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	13	5.0	0.5	0.5	60	0.5
COM62B1	27-Oct-05	REG	0.5	0.5	0.6	0.5	0.5	0.5	0.5	22	5.0	0.5	0.5	79	0.5
COM63B1	7-Jul-92	REG	60	80	60	200	60	40	NT	210	150	40	NT	430	60
COM63B1	7-Oct-92	REG	6.0	5.0	7.0	5.0	5.0	5.0	5.0	160	5.0	5.0	5.0	360	5.0
COM63B1	5-Jan-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	130	5.0	5.0	5.0	390	5.0
COM63B1	12-Apr-93	REG	10	10	10	10	10	10	10	96	10	10	10	440	10
COM63B1	7-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	130	5.0	5.0	5.0	310	5.0
COM63B1	7-Jul-93	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	130	5.0	5.0	5.0	300	5.0
COM63B1	6-Oct-93	REG	11	5.0	5.0	5.0	5.0	5.0	5.0	120	5.0	5.0	5.0	400	5.0
COM63B1	4-Jan-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	190	5.0	5.0	5.0	380	5.0
COM63B1	7-Apr-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	150	5.0	5.0	5.0	380	5.0
COM63B1	6-Jul-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	140	5.2	5.0	5.0	360	5.0
COM63B1	4-Oct-94	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	170	5.0	5.0	5.0	390	5.0
COM63B1	6-Jan-95	REG	10	10	10	10	10	10	10	120	10	10	10	250	10
COM63B1	4-Apr-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	100	5.0	5.0	5.0	220	10
COM63B1	4-Oct-95	REG	5.0	5.0	5.0	5.0	5.0	5.0	5.0	160	5.0	5.0	5.0	240	10
COM63B1	3-Apr-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	76	5.0	2.5	2.5	180	2.5
COM63B1	8-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	82	5.0	2.5	2.5	150	2.5
COM63B1	8-Oct-96	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	66	5.0	2.5	2.5	170	2.5
COM63B1	9-Apr-97	REG	2.5	2.5	2.5	2.5	2.5	2.5	2.5	24	5.0	2.5	2.5	140	2.5
COM63B1	14-Oct-97	REG	1.2	0.5	2.9	0.5	0.5	0.5	0.5	55	5.0	0.5	0.5	170	0.5
COM63B1	6-Oct-98	REG	2.0	0.5	4.0	1.0	0.5	0.5	0.5	72	2.0	0.5	0.5	140	0.5
COM63B1	22-Nov-99	REG	1.1	0.5	2.6	1.0	0.5	0.5	0.5	92	5.0	0.5	0.5	230	0.5
COM63B1	1-May-00	REG	1.1	0.5	1.7	0.5	0.5	0.5	0.5	55	5.0	0.5	0.5	140	0.5
COM63B1	21-Oct-00	REG	0.8	0.5	1.5	0.5	0.5	0.5	0.5	43	5.0	0.5	0.5	130	0.5
COM63B1	18-Apr-01	REG	0.5	0.5	1.4	0.5	0.5	0.5	0.5	61	5.0	0.5	0.5	120	0.5
COM63B1	19-Oct-01	REG	0.9	0.5	1.8	0.5	0.5	0.5	0.5	56	5.0	0.5	0.5	140	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM63B1	5-Nov-02	REG	0.6	0.5	0.7	0.5	0.5	0.5	0.5	31	5.0	0.5	0.5	120	0.5
COM63B1	10-Nov-03	REG	1.1	0.5	1.4	0.5	0.5	0.5	0.5	43	5.0	0.5	0.5	120	0.5
COM63B1	1-Nov-04	REG	0.7	0.5	1.6	0.5	0.5	0.5	0.5	54	5.0	0.5	0.5	91	0.5
COM63B1	27-Oct-05	REG	0.7	0.7	1.1	0.7	0.7	0.7	0.7	29	7.1	0.7	0.7	90	0.7
COM63B2	7-Jul-92	REG	0.3	0.4	0.3	1.0	0.3	0.2	NT	0.2	0.3	0.2	NT	1.8	0.3
COM63B2	7-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.5
COM63B2	5-Jan-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.5
COM63B2	12-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.8	0.5
COM63B2	7-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM63B2	6-Oct-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.5	0.7	0.5
COM63B2	6-Oct-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.5	0.7	0.5
COM63B2	4-Jan-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.5	0.7	0.5
COM63B2	7-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.9	0.5
COM63B2	6-Jul-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM63B2	4-Oct-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM63B2	6-Jan-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM63B2	4-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM63B2	4-Oct-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM63B2	4-Oct-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	1.0
COM63B2	3-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM63B2	8-Oct-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM63B2	9-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5
COM63B2	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM63B2	6-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM63B2	16-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM63B2	26-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM63B2	18-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM63B2	17-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM63B2	18-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM63B2	29-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM63B2	6-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM63B2	20-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM63B2	25-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM64B1	7-Jul-92	REG	0.3	0.4	0.3	1.0	0.3	2.7	NT	6.3	0.7	0.2	NT	0.5	0.3
COM64B1	6-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.9	0.5	3.4	0.5	0.5	0.5	0.5	0.5
COM64B1	5-Jan-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	11	0.5	0.5	0.5	0.5	0.5
COM64B1	12-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	18	0.5	0.5	0.5	0.5	0.5
COM64B1	7-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	22	0.5	0.5	0.5	0.5	0.5
COM64B1	5-Oct-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	18	0.5	0.5	0.5	0.5	0.5
COM64B1	4-Jan-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	16	0.5	0.5	0.5	0.5	0.5
COM64B1	7-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	11	0.5	0.5	0.5	0.5	0.5
COM64B1	6-Jul-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	26	0.5	0.5	0.5	0.5	0.5
COM64B1	4-Oct-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	31	0.5	0.5	0.5	0.5	0.5
COM64B1	6-Jan-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	26	0.5	0.5	0.5	0.5	0.5
COM64B1	5-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	39	0.5	0.5	0.5	0.5	1.0
COM64B1	4-Oct-95	REG	NT	NT	NT	NT	NT	NT	NT	39	NT	NT	NT	0.5	NT
COM64B1	3-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	38	1.0	0.5	0.5	0.5	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
THE COMPANIES OFFSITE OPERABLE UNIT
SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
COM64B1	8-Oct-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	26	1.0	0.5	0.5	0.5	0.5
COM64B1	9-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	20	1.0	0.5	0.5	0.5	0.5
COM64B1	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	20	5.0	0.5	0.5	0.5	0.5
COM64B1	6-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	35	2.0	0.5	0.5	0.5	0.5
COM64B1	22-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	30	5.0	0.5	0.5	0.5	0.5
COM64B1	26-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	27	5.0	0.5	0.5	0.5	0.5
COM64B1	19-Oct-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	16	5.0	0.5	0.5	0.5	0.5
COM64B1	13-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	30	5.0	0.5	0.5	0.5	0.5
COM64B1	15-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	28	5.0	0.5	0.5	0.5	0.5
COM64B1	1-Nov-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	24	5.0	0.5	0.5	0.5	0.5
COM64B1	4-Nov-03	REG	0.7	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	13	0.5
COM64B1	28-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	25	5.0	0.5	0.5	0.5	0.5
COM64B1	1-Nov-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	18	5.0	0.5	0.5	0.5	0.5
COM65B2	7-Jul-92	REG	0.3	0.4	0.3	1.0	0.3	2.7	NT	1.0	0.2	0.2	NT	0.5	0.3
COM65B2	6-Oct-92	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM65B2	5-Jan-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM65B2	12-Apr-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM65B2	7-Jul-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM65B2	5-Oct-93	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM65B2	4-Jan-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM65B2	7-Apr-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM65B2	6-Jul-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM65B2	4-Oct-94	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COM65B2	6-Jan-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.5	0.5	0.5	0.5	0.5
COM65B2	4-Apr-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.3	0.5	0.5	0.5	0.5	1.0
COM65B2	4-Oct-95	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	0.5	0.5	0.5	0.5	1.0
COM65B2	3-Apr-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.4	1.0	0.5	0.5	0.5	0.5
COM65B2	8-Oct-96	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	1.0	0.5	0.5	0.5	0.5
COM65B2	9-Apr-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.7	1.0	0.5	0.5	0.5	0.5
COM65B2	14-Oct-97	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	5.0	0.5	0.5	0.5	0.5
COM65B2	6-Oct-98	REG	1.0	0.5	2.0	1.0	0.5	0.5	0.5	5.0	2.0	0.5	0.5	0.5	0.5
COM65B2	19-Nov-99	REG	0.5	0.5	0.5	1.0	0.5	0.5	0.5	1.8	0.5	0.5	0.5	0.5	0.5
COM65B2	22-Apr-00	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM65B2	18-Oct-00	REG	0.5	0.5	0.5	0.5	0.7	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM65B2	13-Apr-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM65B2	13-Oct-01	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM65B2	30-Oct-02	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM65B2	3-Nov-03	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM65B2	27-Oct-04	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5
COM65B2	28-Oct-05	REG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.0	5.0	0.5	0.5	0.5	0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Hazardous Material Investigation Report Pond A4 Tidal Wetlands Restoration Project

Prepared for

Santa Clara Valley Water District

October 2005

By

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Acronyms and Abbreviations

BTEX	benzene, toluene, ethylbenzene, and xylenes
Cargill	Cargill Salt Company
DDT	dichlorodiphenyltrichloroethane
District	Santa Clara Valley Water District
ft	feet
IDW	investigation-derived waste
km	kilometers
m	meters
mi	miles
NWQC	National Water Quality Criteria
PAH	polynuclear aromatic hydrocarbons
PCB	polychlorinated biphenyl
RCRA	Resources Conservation and Recovery Act
STLC	soluble threshold limit concentration
SVOC	semivolatile organic compound
TCLP	toxicity characteristic leaching procedure
TPH	total petroleum hydrocarbons
TTLC	total threshold limit concentration
USEPA	United States Environmental Protection Agency
WET	waste extraction test
µg/L	micrograms per liter

1.0 Introduction

The Santa Clara Valley Water District (District) retained CH2M HILL to provide planning and design services for the Pond A4 Tidal Wetlands Restoration Project. The purpose of the proposed project, located along the margins of San Francisco Bay, was to restore an existing saltwater evaporation pond to a self-sustaining tidal wetland environment.

This report presents the results of the hazardous materials exploration program and laboratory testing program.

1.1 Project Description

Pond A4 is located in the cities of Sunnyvale and San Jose, California. The 310-acre pond has been operated by Cargill Salt Company (Cargill) as an evaporation pond since at least the 1930s. The District recently purchased the pond from Cargill and plans to restore the pond to a self-sustaining, brackish tidal marsh system. Available geotechnical and hazardous materials information for the Pond A4 area are summarized in *Geotechnical and Hazardous Materials Data Summary Report for Pond A4 Tidal Wetlands Restoration Project* (CH2M HILL 2003).

1.2 Location and Setting

Located at the northern end of the Santa Clara Valley, Pond A4 is one of a series of saltwater evaporation ponds that ring the southern margins of San Francisco Bay. A map of the pond area is shown on Figure 1. The pond is roughly triangular, covers approximately 310 acres, and is surrounded by a system of three levees. The south levee is approximately 1.7 kilometers (km) (1.1 mile [mi]) long; the northeast levee is approximately 2 km (1.2 mi) long; and the northwest levee is approximately 1.1 km (0.7 mi) long. An unpaved roadway, between approximately 4.5 and 6 meters (m) (15 and 20 feet [ft]) wide, runs along the top of the levees and is used as a recreational trial for pedestrian and bicycle traffic.

1.3 Scope of Work

In March 2005, the project was stopped and work on remaining deliverables was re-scoped. As a result, this report includes an evaluation of the analytical data of onsite soil and provides recommendations for potential reuse or disposal options, but it does not provide specific recommendations for reuse or disposal of onsite soil. These recommendations were intended to be used as part of alternative evaluation and selection. This hazardous materials investigation report:

- Discusses the hazardous materials investigation activities and laboratory testing program.
- Reports the results of the hazardous materials field investigation and laboratory testing.

1.4 Limitations

This report has been prepared for the use of CH2M HILL design team members and the District for specific application to the design of the Pond A4 Tidal Wetlands Restoration project. This report has been prepared in accordance with generally accepted practice. No warranty, expressed or implied, is made.

The field and laboratory data contained in this report reflect soil and water conditions only at specific locations, times, and to the depths explored. Soil and water conditions and water levels at other locations may differ from conditions occurring at the sampling locations.

2.0 Exploration and Testing

2.1 Field Investigation and Testing

The hazardous materials investigation consisted of:

- Collecting soil samples for analytical testing from 16 soil borings along existing levees around the perimeter of the pond and 30 soil borings within the pond area. The borings were drilled as part of the geotechnical investigation program.
- Collecting soil samples for analytical testing from the sloughs and drainage channels immediately outside the pond area.
- Collecting a surface water sample within the pond.
- Collecting surface water samples from the sloughs and drainage channels immediately outside the pond area at high tide and low tide during the wet season, the dry season, and immediately after the first two significant storm events of the rainy season.
- Collecting quarterly groundwater samples from the existing monitoring wells located along the south levee for 1 year.
- Collecting field duplicate samples from selected soil and water sampling locations to evaluate the precision of the sample collection, handling, and testing process.
- Labeling and transporting the samples to the laboratory.
- Performing analytical laboratory testing.
- Testing and disposing of investigation-derived waste (IDW).

2.2 Soil Sampling

2.2.1 Levee

Between December 16, 2002 and February 3, 2003, 32 soil samples were collected from six shallow borings (BL-01A to BL-06A) and 10 deep borings (BL-07 to BL-16) along the existing levees surrounding Pond A4. These samples were analyzed for hazardous materials. Borings along the levees were performed by Pitcher Drilling of Palo Alto, California as part of the geotechnical investigation. The shallow borings were drilled to depth of approximately 3 m (10 ft). The deep borings were drilled to depths between approximately 18 and 27 m (60 and 90 ft). The six shallow borings were completed using a flight auger, and the deep borings were completed using rotary-wash methods. Exploration information and boring logs are included in the *Geotechnical Investigation Report for Pond A4 Tidal Wetlands Restoration Project* (CH2M HILL 2004). The levee boring locations are shown on Figure 2.

Two soil samples were collected from each levee boring for analytical testing. Soil samples were collected from depths ranging between zero and approximately 4.6 m (15 ft) below top of the existing levees. Soil samples were collected from levee borings using a 2.5-inch outside diameter, thick-walled, split-spoon sampler with tubular stainless-steel inserts. A unique sample identification number was assigned to each soil sediment sample from levee borings. Unique sample identification numbers follow the following format:

XX-NN-DD, where:

- XX = "BL" for borings on the levee.
- NN = the number of the location.
- DD = the depth, in feet, at which the sample was collected.

2.2.2 Pond

Between January 13 and 28, 2003, 59 soil samples were collected from 30 borings (BP-01 to BP-30) within the pond area for hazardous materials analysis. In addition, one duplicate sample was collected and analyzed. Borings within the pond area were performed by Taber Consultants of West Sacramento as part of the geotechnical investigation. Pond borings were completed to depths ranging between approximately 9 and 15 m (30 and 50 ft). Pond borings were completed using rotary-wash methods. Exploration information and boring logs are included in the Geotechnical Investigation Report (CH2M HILL 2004). The pond boring locations are shown on Figure 2.

Generally, two soil samples were collected for analytical testing from each pond boring: one from the upper 0.3 m (12 inches) of the soil profile and the other from depths between approximately 1 and 3 m (4 and 10 ft) below pond bottom. However, the shallow sample from boring BP-24 was not recovered. Soil samples for analytical testing were collected from pond borings using a 2.5-inch outside diameter, thick-walled, split-spoon sampler with tubular stainless-steel inserts. A unique sample identification number was assigned to each soil sediment sample from pond borings. Unique sample identification numbers follow the following format:

XX-NN-DD, where:

- XX = "BP" for borings in the pond.
- NN = the number of the location or "DUP" for field duplicate.
- DD = the depth, in feet, at which the sample was collected.

A field duplicate sample (BP-DUP-01) was collected from pond boring BP-07. Sample BP-DUP-01 is the field duplicate associated with sample BP-07-04.

2.2.3 Channel Sediment

On May 12, 2003, eight channel sediment samples were collected from the sloughs and drainage channels immediately outside the pond area including the Guadalupe Slough, the Moffett Channel, and the unnamed channel south of Pond A4. Sampling locations (CS-1 to CS-8) are shown on Figure 3.

Sediment sampling on the Moffett Channel and the unnamed channel south of Pond A4 were performed by CH2M HILL personnel. The channels were accessed by a boat or from the banks. Sediment samples on the unnamed channel south of Pond A4 (CS-1 and CS-2) and on the Moffett Channel (CS-3 and CS-4) were collected using an Eckman dredge sampler from the upper approximately 0.15 m (6 inches) of sediment at the bottom of the channel. At each sampling location, four individual samples were collected and mixed in a stainless-steel bowl to create one homogeneous sample per location.

Sediment sampling in the Guadalupe Slough was performed by CH2M HILL personnel from a 17-foot Boston whaler owned and operated by John Brezina of Dillon Beach, California. Sediment samples on the Guadalupe Slough (CS-5 to CS-8) were collected with a push acrylic-tube sampler from the upper approximately 0.3 m (12 inches) of sediment at the bottom of the slough. At each sampling location, four individual samples were collected and mixed in a stainless-steel bowl to create one homogeneous sample per location.

A unique sample identification number was assigned to each channel sediment sample. Unique sample identification numbers follow the following format:

XX-NN-EEYY, where:

- XX = "CS" for channel sediment.
- NN = the number of the location or "99" for field duplicate.
- EEYY = "WS03" for wet season in the year 2003.

A field duplicate sample (CS-99-WS03) was collected from the Moffett Channel at the sampling location CS-04. Sample CS-99-WS03 is the field duplicate associated with sample CS-04-WS03. The field sediment sampling log reports are included in Appendix A1.

2.3 Water Sampling

2.3.1 Pond Surface Water

On May 12, 2003, four pond surface water samples (PW-1a to PW-1d) were collected from the southwest, northwest, northeast, and southeast corner of the pond. Sampling locations are shown on Figure 3. The samples were collected from the corners of the pond using a pole-mounted sampling device from the upper approximately 0.15 m (6 inches) of the pond water surface.

The four samples were composited to create one homogeneous sample (PW-1 composite). The composite pond sample is intended to be a representative of water within the entire pond. Analytical tests were performed on the composite sample with the exception of total petroleum hydrocarbons (TPH)-gasoline and benzene, toluene, ethylbenzene, and xylene (BTEX) analytical tests. TPH-gasoline and BTEX were performed only on the sample from PW-1d location to avoid any of volatile compounds from composting. The sample from PW-1d location was named "PW-1d-WS03," which describes that it was taken from PW-1d location during the wet season in the year 2003. The field surface water sampling log reports are included in Appendix A2.

2.3.2 Channel Surface Water

CH2M HILL performed channel surface water sampling during a "wet season" event on May 12, 2003, a "dry season" event on September 25, 2003, a "first storm" event on

December 12, 2003, and a "second storm" event on December 22, 2003. Sampling locations were accessed by a 17-foot Boston whaler or from the banks using an extended pole. The samples were collected using clean containers from the upper approximately 0.15 m (6 inches) of the channel water surface. Channel surface water samples were collected at both high tide and low tide from four locations:

- CW-1, downstream location where the Moffett Channel and the Guadalupe Slough meet (north of the pond).
- CW-2, cross-stream location on the Guadalupe Slough (east of the pond).
- CW-3, upstream location on the Guadalupe Slough (southeast of the pond).
- CW-4, cross-stream location on the Moffett Channel (west of the pond).

Sampling locations are shown on Figure 3. A unique sample identification number was assigned to each channel surface water sample. Unique sample identification numbers follow the following format:

XX-NN-TT-EEYY, where:

- XX = "CW" for channel surface water.
- NN = the number of the location or "99" for field duplicate.
- TT = "HT" for high tide and "LT" for low tide.
- EEYY = the event description, including "WS03" for wet season 2003, "DS03" for dry season 2003, "STM1" for the first storm season in December 2003, "STM2" for the second storm season in December 2003.

A field duplicate samples was collected on the Guadalupe Slough during each sampling event. Samples from location CW-99 are the field duplicate associated with samples from location CW-02. The field surface water sampling log reports are included in Appendix A3.

2.3.3 Groundwater Samples

CH2M HILL collected groundwater samples from three existing monitoring wells (MW-1 to MW-3), located along the southern levee during on May 12, 2003, September 22, 2003, December 4, 2003, and March 18, 2004. The groundwater sampling was performed by Field Solutions of San Jose, California. Each well was purged of at least three casing volumes of water prior to sampling. Figure 2 shows locations of existing monitoring wells. A unique sample identification number was assigned to each groundwater sample. Unique sample identification numbers follow the following format:

XX-NN(F)-EEYY, where:

- XX = "MW" for groundwater monitoring wells.
- NN = the number of the location or "99" for field duplicate.
- F = "F" if the sample was field filtered.

- EEYY = "2Q03" for the second quarter 2003, "3Q03" for the third quarter 2003, "4Q03" for the forth quarter 2003, and "1Q04" for the first quarter 2004.

A field duplicate sample was collected from monitoring well MW-02 during each sampling event. Samples from location MW-99 are the field duplicate associated with samples from location MW-02. The water sample field data sheets are included in Appendix A4.

2.4 Investigation-derived Waste

2.4.1 Soil IDW

Four types of waste were generated during the geotechnical investigation between December 2002 and January 2003:

- Soil cuttings, drilling fluids, and discarded sample material from drilling and sampling operations (cone testing pentrometer operations do not generate soil samples or drill cuttings).
- Excess cement/bentonite grout mixture.
- Rinse water from cleaning and decontamination of equipment.
- Disposable protective clothing.

Waste soil, drilling fluid, excess grout, and other material generated during the investigation were collected in 55-gallon drums. Equipment cleaning activities were also performed over 55-gallon drums in order to collect wastes and prevent spillage. Disposable protective clothing was collected in plastic bags for landfill disposal.

Forty-five drums of IDW were generated during the geotechnical investigation. Soil and liquid IDW samples from these drums were analyzed for chemical constituents, as required by the destination disposal facility. Four, four-point composite soil samples and two, four-point composite water samples were collected from the drums to perform analytical testing. Curtis & Tompkins of Berkeley, California performed the analytical testing on these IDW samples. The test results show that the IDW samples were non-hazardous. The analytical testing results for these six IDW samples are included in Appendix B.

IDW drums were collected and transported to the waste handling facility for disposal by Integrated Wastestream Management of Milpitas, California.

2.4.2 Water IDW

Three types of waste were generated during the water sampling events:

- Purge water from groundwater sampling.
- Rinse water from cleaning and decontamination of equipment.
- Disposable protective clothing.

Wastewater generated during the investigation was stored in 55-gallon drums. Equipment cleaning activities were also performed over 55-gallon drums in order to collect wastes and prevent spillage. Disposable protective clothing was collected in plastic bags for landfill disposal.

Three drums were generated during the water sampling events. The IDW in these drums was characterized for disposal using the analytical results of the groundwater sampling from the quarterly sampling events. The IDW drums, which were classified as non-hazardous, were collected and transported to an appropriate permitted waste handling facility for disposal by Integrated Wastestream Management of Milpitas, California.

2.5 Laboratory Testing

Soil, channel sediment, surface water, and groundwater samples from January and May 2003 events were analyzed by CRG Marine Laboratories of Torrance, California and a subcontract laboratory, Calscience Environmental Laboratories. Surface water and groundwater samples from September 2003, December 2003, and March 2004 events were analyzed by Columbia Analytical Services of Kelso, Washington.

2.5.1 Soil and Sediment Samples

Soil and sediment samples collected for analytical testing were analyzed for:

- TPH as gasoline and diesel.
- Total organic carbon.
- Semivolatile organic compounds (SVOCs), including polynuclear aromatic hydrocarbons (PAHs) and phenols.
- Organochlorine pesticides and polychlorinated biphenyls (PCBs).
- Title 22 (CAM-17) metals plus iron, manganese, strontium, tin, titanium, and methyl mercury.

Summaries of the analytical test results for the levee soil samples, pond soil samples, and channel sediment samples are presented in Tables 1, 2, and 3, respectively. Laboratory data sheets for the levee soil samples, pond soil samples, and channel sediment samples are included in Appendixes C1, C2, and C3, respectively.

2.5.2 Surface Water Samples

Pond A4 and channel surface water samples were analyzed for the following chemical constituents:

- Unfiltered metals: First sampling event included CAM-17 metals plus iron, manganese, tin, titanium, and methyl mercury. Subsequent events included priority pollutant metals and methyl mercury.
- Filtered metals: Priority pollutant metals (channel samples only).
- TPH and BTEX.
- SVOCs, including PAHs and phenols (channel samples only).
- Organochlorine pesticides and PCBs.
- General chemistry: hardness, ammonia, nitrate, nitrite, and ortho-phosphate.

Results of the laboratory testing for total metals and mercury are presented in Table 4; results of the laboratory testing for dissolved (filtered) metals and mercury are presented in Table 5; results of the laboratory testing for PAH presented in Table 6; results of laboratory testing for TPH and BTEX are presented in Table 7; results of the laboratory testing for general chemistry are presented in Table 8. Because no PCBs or pesticides were detected in either the pond water or channel water samples, no table has been prepared for these constituents.

Laboratory data sheets for the channel surface water samples are grouped by sampling event and are included in Appendices D1 through D4. Pond water sampling was performed only once during the wet season sampling event; the data sheets are included in Appendix D1.

2.5.3 Groundwater Samples

Groundwater samples, including field duplicates and field blanks, were analyzed for the following chemical constituents:

- Unfiltered metals: First sampling event included CAM-17 metals plus iron, manganese, tin, titanium, and methyl mercury. Subsequent events included priority pollutant metals and methyl mercury.
- Filtered metals: First sampling event included CAM-17 metals plus iron, manganese, tin, titanium, and methyl mercury. Subsequent events included priority pollutant metals and methyl mercury.
- TPH as gasoline, diesel, and motor oil.
- BTEX.
- General chemistry: hardness.

Results of the laboratory testing for total metals and mercury are presented in Table 9; results of the laboratory testing for dissolved (filtered) metals and mercury are presented in Table 10; results of the laboratory testing for PAH, TPH, and BTEX are presented in Table 11; results of laboratory testing for general chemistry are presented in Table 12.

Laboratory data sheets for the groundwater samples are grouped by sampling events and are included in Appendixes E1 through E4.

3.0 Site Conditions

Available information concerning environmental conditions in the Pond A4 area was collected, reviewed, and evaluated for applicability to the proposed project. Information collected from these sources is summarized in the *Geotechnical and Hazardous Materials Data Summary Report for Pond A4 Tidal Wetlands Restoration Project* (CH2M HILL 2003). This information was used during the development of the Pond A4 Hazardous Materials Investigation soil and water sampling and analysis plan.

3.1 Soil Conditions

3.1.1 Hazardous Waste Criteria

The analytical results were compared against federal and California hazardous waste regulatory limits to assess the potential disposal options should disposal of onsite soils be required. There are three main sets of criteria for determining whether the excavated soil would be a hazardous waste: one for federal and two for California.
The federal Resources Conservation and Recovery Act (RCRA) uses the toxicity characteristic leaching procedure (TCLP) and compares the results to the federal TCLP limits. California uses a totals analysis and compares the results to the total threshold limit concentration (TTLC) and uses the waste extraction test (WET) procedure and compares the results to the soluble threshold limit concentration (STLC) criteria. The federal TCLP and California WET are similar in that they both evaluate the leachable fraction of a constituent from the soil. The totals analysis (TTLC) determines the total concentration in the soil (leachable + non-leachable).

To prevent the regulated community from incurring the cost of running all three analytical procedures all the time, some rules of thumb have been developed to help determine when additional analysis is needed. The process starts by first analyzing the soil using the totals analysis and comparing the results to the TTLC. The next step is to apply the two main rules of thumb, which are:

- If the results of the totals analysis (used for the TTLC) are more than or equal to 20 times the TCLP hazardous waste limit, a TCLP analysis should be performed to determine the leachable fraction. If the TCLP concentration is greater than the TCLP limit, the soil must be disposed of as a RCRA hazardous waste. For this preliminary assessment, no TCLP testing was performed.
- If the results of the totals analysis (used for the TTLC) are 10 times the STLC hazardous waste limit, a WET is performed. If the results of the WET exceed the STLC, the soil must be disposed of as a California hazardous waste. For this preliminary assessment, no STLC testing was performed.

3.1.2 Wetland Surface and Foundation Material Criteria

A preliminary evaluation to assess the reuse options for pond, levee, and channel soils and sediments was also performed. The analytical results of levee soil, pond soil, and channel sediment samples were compared to the screening guidelines for wetland surface and foundation materials provided in the *Beneficial Reuse of Dredge Material: Sediment Screening and Testing Guidelines* (RWQCB 2000). The guidelines include criteria for metals, pesticides, PCBs, and PAHs.

3.1.3 Levee

3.1.3.1 Hazardous Waste Criteria

No analytes were detected at concentrations exceeding the TTLC in any of the levee soil samples. However, concentrations of chromium in all levee samples exceeded 10 times the STLC, and concentrations in 27 of the 32 samples exceeded 20 times the TCLP. Prior to disposal, additional testing of the soil for leachable chromium would be required.

3.1.3.2 Wetland Surface Material Criteria

There were no detections of PCBs at concentrations exceeding the sediment screening criteria for wetland surface materials in any of the 32 levee soil samples. However, metals, pesticides, and PAH compounds (a subset of SVOCs) were detected at concentrations exceeding the criteria for wetland surface materials as described below:

- Metals: Cadmium (seven samples), chromium (21 samples), nickel (four samples), selenium (10 samples), and silver (two samples). The surface soil samples containing metals above the surface material criterion were from locations widely distributed across the three levees.

- Total dichlorodiphenyl trichloroethane (DDT): The seven samples containing total DDT at concentrations above the surface material criterion were all from locations on the southern levee.

- PAH compounds: Five PAH compounds (1-methylphenanthrene, benzo(g,h,i)perylene, benzo(k)fluoranthene, biphenyl (diphenyl), and indeno(1,2,3-c,d)pyrene) were detected at concentrations above wetland surface material criteria. The exceedances of 1-methylphenanthrene was in sample BL-03-04, which was collected from a depth of 4 feet within the southern levee. The remaining exceedances were all from sample BL-13-09. Sample BL-13-09 was collected at a depth of 9 feet below ground surface from a location on the northeast levee.

3.1.3.3 Wetland Foundation Material

There were no detections of PAHs or PCBs at concentrations exceeding the criteria for wetland foundation materials. However, nickel and total DDT were detected at concentrations exceeding the foundation criteria as described below:

- The two samples containing nickel at concentrations above the foundation material criterion were from samples BL-06-04 and BL-12-11. Sample BL-06-04 was collected at a depth of 4 feet below ground surface from a location on the southern levee. Sample

BL-12-11 was collected at a depth of 11 feet below ground surface from a location in between the on the northeast and northwest levees.

- The four samples containing total DDT at concentrations above the foundation material criterion were all from shallow depths (~ 1 meter [3 to 4 feet]) in locations on the southern levee.

A summary of the screening criteria exceedances for the levee soil samples is presented in Table 13.

3.1.4 Pond

3.1.4.1 Near-Surface Samples

Hazardous Waste Criteria. No analytes were detected at concentrations exceeding the TTLC in any of the near-surface pond soil samples. However, concentrations of chromium in 28 of the 29 near-surface pond samples exceeded 10 times the STLC, and concentrations in 21 of the 29 samples exceeded 20 times the TCLP. Prior to disposal, additional testing of the soil for leachable chromium would be required.

Wetland Surface Material Criteria. Out of 29 near-surface (0.3 m [1 ft]) pond soil samples, there were no detections of PCBs at concentrations exceeding the sediment screening criteria for wetland surface materials. However, metals, total DDTs, and PAH compounds were detected at concentrations exceeding the sediment screening criteria for wetland surface materials as described below:

- Metals: Arsenic (two samples), cadmium (two samples), chromium (14 samples), lead (one sample), mercury (two samples), and selenium (21 samples). The near-surface pond soil samples containing metals at concentrations above the sediment screening criteria for wetland surface materials were from locations widely distributed across Pond A4.

- Total DDTs: One near-surface pond soil sample (BP-09-01) containing total DDT at a concentration above the sediment screening criteria for wetland surface materials was detected.

- PAH compounds: 1-methylnaphtalene (seven samples), 2,6-dimethylnaphthalene (nine samples), 2-methylnaphthalene (eight samples), and dibenz(a,h)anthracene (one sample). The near-surface pond soil samples containing total PAH compounds at concentrations above the sediment screening criteria for wetland surface materials were from locations widely distributed across Pond A4.

Wetland Foundation Material. Total DDT was detected in Sample BP-09-01 at a concentration above the sediment screening criteria for wetland foundation materials. Sample BP-09-01 was taken from a location in the southwest corner of Pond A4. No other constituents were detected at concentrations above the foundation material criteria.

A summary of the screening criteria exceedances for the near-surface pond samples is presented in Table 14.

3.1.4.2 Deeper Samples

Hazardous Waste Criteria. No analytes were detected at concentrations exceeding the TTLC in any of the deeper pond soil samples (1 to 3 m [5 to 10 ft]). However, concentrations of chromium in all of the deeper pond samples exceeded 10 times the STLC, and concentrations in 14 of the 30 samples exceeded 20 times the TCLP. Prior to disposal, additional testing of the soil for leachable chromium would be required.

Wetland Surface Material Criteria. Several metals, total DDTs, total PCBs, and three PAH compounds were detected at concentrations exceeding the wetland surface materials criteria.

- Metals: Arsenic (one sample), chromium (12 samples), mercury (one sample), nickel (four samples), and selenium (12 samples) containing metals at concentrations exceeding the wetland surface materials criteria.
- Total DDTs: Two deeper pond soil samples (BP-01-06 and BP-04-06) containing total DDT at concentrations above the sediment screening criteria for wetland surface materials were detected. Sample BP-01-06 was taken from a location near the southeast corner of Pond A4, and sample BP-04-06 was taken from a location near the center shoreline of the southern levee.
- Total PCBs: One deeper pond soil sample (BP-20-05) containing total PCBs at a concentration above the wetland surface materials criterion was detected. Sample BP-20-05 was collected from a location near the western side of the pond.
- PAH compounds: 1-methylnaphtalene (two samples), 2,6-dimethylnaphthalene (one sample), and 2-methylnaphthalene (two samples). The near-surface pond soil samples containing total PAH compounds at concentrations above the sediment screening criteria for wetland surface materials were from locations widely distributed across Pond A4.

Wetland Foundation Material. Nickel was detected in two samples at concentrations exceeding the wetland foundation materials criterion. The two samples containing nickel at concentrations above the foundation material criterion were from samples BP-24-05 and BP-27-07. Sample BP-24-05 was collected at a depth of 5 feet from a location in the north-central area of Pond A4. Sample BP-27-07 was collected at a depth of 11 feet from a location near the northeast corner of Pond A4.

A summary of the screening criteria exceedances for the deeper pond samples is presented in Table 15.

3.1.5 Channel Sediment

3.1.5.1 Hazardous Waste Criteria

No analytes were detected at concentrations exceeding the TTLC in any of the channel sediment samples. However, concentrations of chromium in all of the channel sediment samples exceeded 10 times the STLC, and concentrations in six of the eight samples exceeded 20 times the TCLP. In addition, concentrations of lead in two of the sediment samples exceeded the STLC for lead. Prior to disposal, additional testing of the soil for leachable chromium and lead would be required.

3.1.5.2 Wetland Surface Material Criteria

Several metals and one PAH compound were detected at concentrations exceeding the sediment screening criteria for wetland surface materials. No other constituents were detected above the screening criteria. (Note: For the sample with a duplicate, the higher concentration was used. The duplicate was not counted as a separate sample.)

- Metals: Cadmium (four samples), chromium (five samples), lead (two samples), selenium (five samples), silver (three samples), and zinc (three samples). The samples containing metals at concentrations above the sediment screening criteria for wetland surface materials were from locations widely distributed across the channel.
- PAH compounds: Benzo(g,h,i)perylene, was detected in one sample (CS-02-WS03) at a concentrations exceeding the wetland surface material criterion. Channel sediment sample CS-02-WS03 was taken from a location in the unnamed channel south of Pond A4.

A summary of the screening criteria exceedances for channel sediment samples is presented in Table 16.

3.2 Surface Water Conditions

With the exception of copper and nickel, analytical results of pond and channel surface water samples were compared to the United States Environmental Protection Agency (USEPA) *National Recommended Water Quality Criteria: 2002* (NWQC-SW) for chronic exposure of saltwater aquatic life (USEPA). The analytical results for copper and nickel were compared to the USEPA Water Quality Standards; Withdrawal of Federal Aquatic Life *Water Quality Criteria for Copper and Nickel Applicable to South San Francisco Bay, CA* (USEPA 2003). Only metals are included in these comparisons as no criteria for chronic exposure of saltwater aquatic life are listed for the other constituents.

3.2.1 Pond Surface Water

Pond surface water analytical tests were performed on the composite sample (PW-1 Composite), with the exception of TPH-gasoline and BTEX analytical tests. The TPH-gasoline and BTEX analytical tests were performed only on the sample from PW-1d location (sample PW-1d-WS03).

No metals were detected in the composite sample collected from the pond water at concentrations exceeding the NWQC-SW.

3.2.2 Channel Surface Water

- Copper, lead, nickel, and zinc were detected in the unfiltered channel surface water samples at concentrations exceeding NWQC-SW.
  - Detected copper concentrations in the channel surface water samples ranged from 1.75 micrograms per liter (µg/L) to 33.9 µg/L, compared to the site-specific aquatic

life objective (for chronic exposure) for South San Francisco Bay of 6.9 µg/L (USEPA 2003).

- Detected lead concentrations in the channel surface water samples ranged from 0.8 µg/L to 36 µg/L, compared to the NWQC-SW of 8.1 µg/L.
- Detected nickel concentrations in the channel surface water samples ranged from 2.29 µg/L to 76.5 µg/L, compared to the site-specific aquatic life objective of 11.9 µg/L.
- Detected zinc concentrations in the channel surface water samples ranged from 7.56 µg/L to 172 µg/L, compared to the NWQC-SW of 81 µg/L.

- The highest metal concentrations were detected during low tide of the dry season at the upstream and cross-stream locations on the Guadalupe Slough.
- No constituents were detected in the filtered samples at concentrations exceeding the NWQC-SW.

3.3 Groundwater Conditions

Due to the likelihood of groundwater infiltration into the pond, the results of the groundwater analyses were also compared to the NWQC-SW and the site-specific criteria for copper and nickel described in Section 3.2.

- Copper concentrations in the groundwater samples ranged from 0.11 µg/L to 40.3 µg/L, compared to the site-specific aquatic life objective of 6.9 µg/L.
- Nickel concentrations in the groundwater samples ranged from 9.79 µg/L to 36.5 µg/L, compared to the site-specific aquatic life objective of 11.9 µg/L.

3.4 Recommendations

3.4.1 Soil Disposal

Based on the TTLC data, the soil encountered during the geotechnical investigation would not be considered a hazardous waste and could be disposed of in a Class III landfill; however prior to disposal, additional testing of the soil for leachable chromium would be required. As described in Section 3.1.1, the results of the additional testing would determine the appropriate waste classification and, therefore, the appropriate disposal option. We recommend that if, in the future, soil is identified for disposal, waste classification testing, including leachability testing as appropriate, be performed.

3.4.2 Soil Reuse

From a hazardous materials perspective, based on the results of the screening-level subsurface investigation and analytical testing, the soil can be reused on-site. As described in Section 3.1, the soil has also been compared to the *Beneficial Reuse of Dredge Material: Sediment Screening and Testing Guidelines.*

For each type of soil tested (levee material, shallow pond sediment, deeper pond soil, and channel sediment), metals, pesticides, and polynuclear aromatic hydrocarbons were present at concentrations exceeding the screening level for surface materials in one or more samples. While numerous consistuents exceeded the surface material screening levels, it should be noted that for the majority of the constituents (excepting chromium and selenium), less than ten percent of the samples had concentrations above screening levels. In addition, it should be noted that the screening levels are guidelines and may not be appropriate for all projects. There is a possibility that the chemical concentrations encountered during this investigation will not preclude the site soils from being used as surface material. We recommend that for future work, project-specific reuse levels be developed based on the proposed improvements and associated ecological risk. In addition, because this project provided a screening-level characterization, further sampling and analysis may be required to adequately characterize the site soils.

Foundation material screening levels were exceeded for pesticides in four of 32 levee samples and one of 29 shallow pond sediment samples. In addition, nickel exceeded screening levels in two of 32 levee samples and two of 30 deeper pond samples. In general, it appears that the soils at the site would be suitable for reuse as foundation material; however, we recommend that an evaluation of the screening results be performed in conjunction with project-specific reuse concentrations.

4.0 References

CH2M HILL. 2003. *Geotechnical and Hazardous Materials Data Summary Report for Pond A4 Tidal Wetlands Restoration Project.*

__________. 2004. *Geotechnical Investigation Report for Pond A4 Tidal Wetlands Restoration Project.*

Regional Water Quality Control Board (RWQCB). 2000. *Beneficial Reuse of Dredge Material: Sediment Screening and Testing Guidelines.*

United States Environmental Protection Agency (USEPA). 2002. *National Recommended Water Quality Criteria: 2002.*

__________. 2003. *Water Quality Standards; Withdrawal of Federal Aquatic Life Water Quality Criteria for Copper and Nickel Applicable to South San Francisco Bay, CA.*

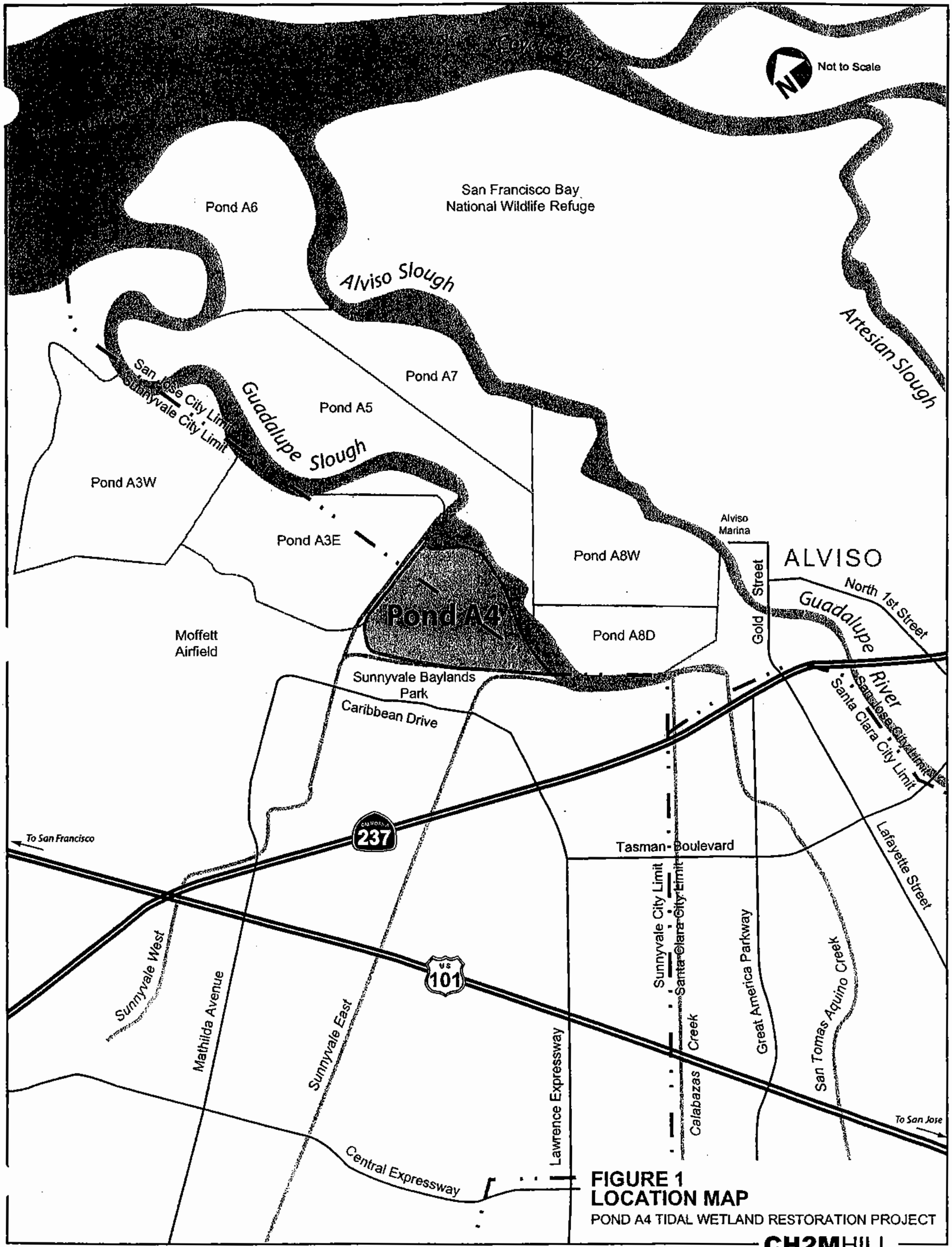
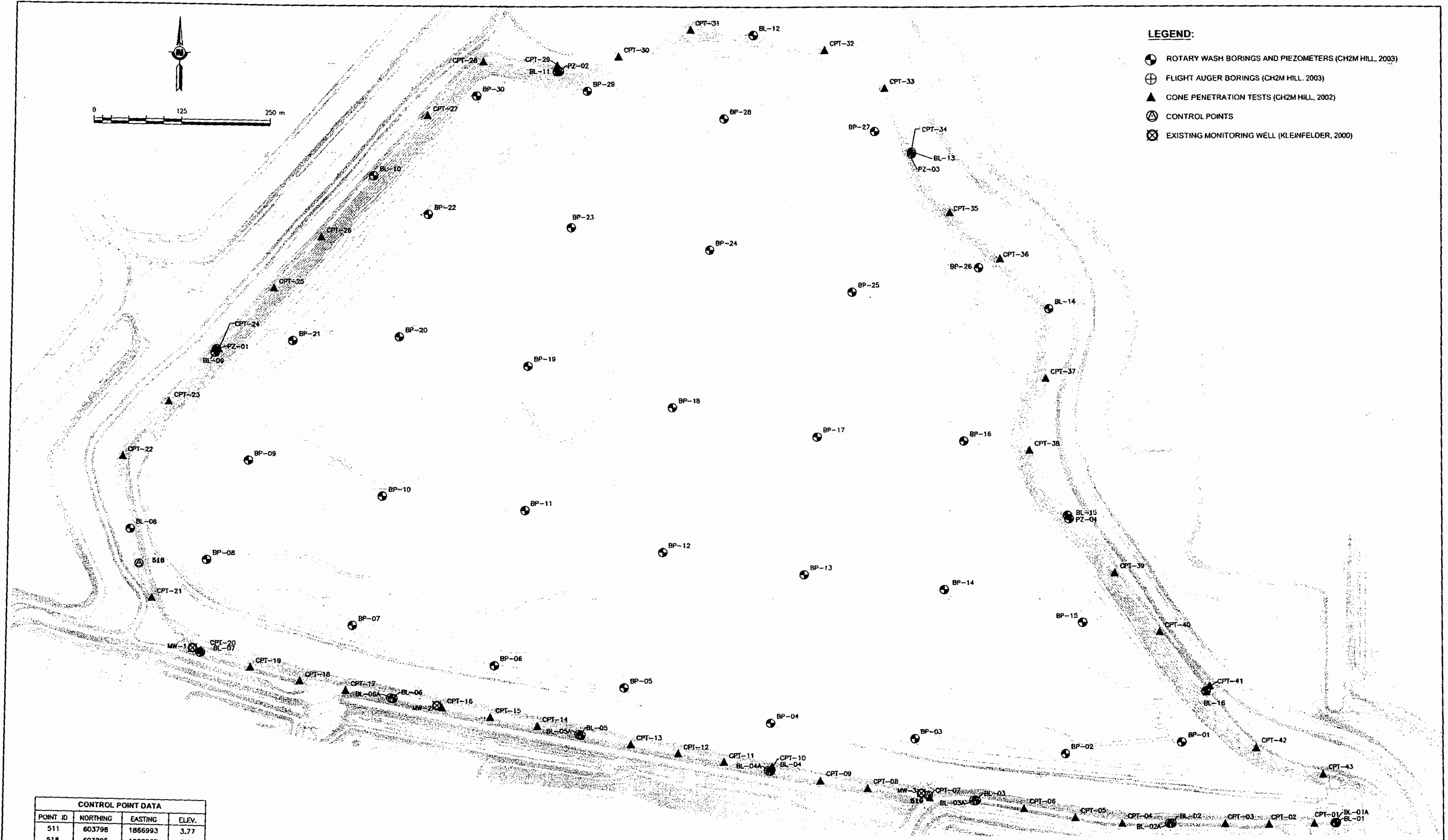


FIGURE 1
LOCATION MAP
POND A4 TIDAL WETLAND RESTORATION PROJECT

CH2MHILL

177284.06.01_Fig 1-2LocMap_9/28/03_CCC_SFO

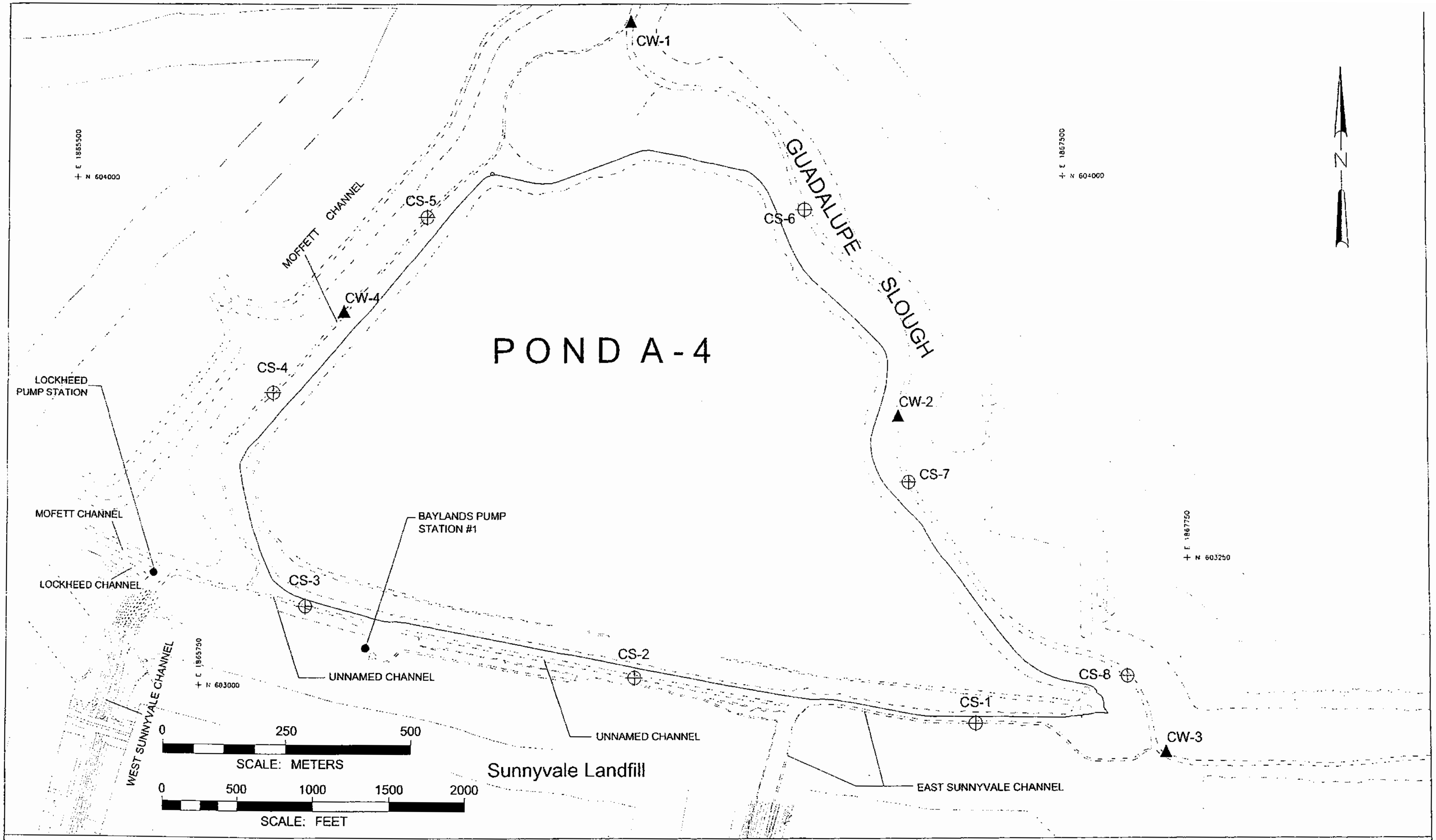


CONTROL POINT DATA			
POINT ID	NORTHING	EASTING	ELEV.
511	603798	1866993	3.77
518	603295	1865863	3.85
519	601635	1866970	3.29

NOTE: CONTROL POINTS ARE 5/8" REBAR WITH YELLOW CH2MHILL CONTROL CAP.

FIGURE 2
BORING LOCATIONS MAP
POND A4 WETLAND RESTORATION PROJECT

CH2MHILL



⊕ Approximate Sediment Sampling Location

▲ Approximate Surface Water Sampling Location

Figure 3
Channel Sampling Locations
Pond A4 Tidal Wetlands Restoration Project

CH2MHILL

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31 January 2006

FEB 0 8 2006
SANTA [illegible]
WATER DISTRICT

George Cook
Santa Clara Valley Water District
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RE: *Electronic Reports*
Locus Project Nos. 99014-06,99015-06

Mr. Cook:

For your FTP library, the enclosed CD contains electronic copies of four quarterly NPDES Discharge Reports and four Annual Groundwater Monitoring Reports submitted on behalf of Philips Semiconductors on 30 January 2005. The PDF documents are unprotected, but please make sure they are secured before being made available on the FTP site.

Sincerely,

Rashmi H. Ramachandra
Assistant Project Engineer

RHR/mmm

enclosure

\\MVSERVER1\ENGINEER\99-014\CORRESPONDENCE\MOHR - REPORT TRANSMITTAL 2006-1-31 DOC (31-Jan-06)

Report

Annual Groundwater Monitoring Report January to December 2005

740 Kifer Road Site
Sunnyvale, California

Prepared for:

Philips Semiconductors
1109 McKay Drive
San Jose, California

30 January 2006

Project No. 99014-06-2127

Locus
TECHNOLOGIES

PHILIPS

Philips Semiconductors

30 January 2006

Max Shahbazian, P.G.
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

RE: *Annual Groundwater Monitoring Report, January to December 2005*
740 Kifer Road, Sunnyvale, California
Locus Project No. 99014-06-2127

Dear Mr. Shahbazian:

Please find enclosed a copy of the above referenced report for the Philips Semiconductors site in Sunnyvale, California. This self-monitoring report is submitted in accordance with Order No. 97-064, Site Cleanup Requirements for the 740 Kifer Road Site, adopted by the Regional Water Quality Control Board, San Francisco Bay Region on 21 May 1997.

The information contained in the enclosed report has been provided to me by Locus Technologies. To the best of my information and belief, the report contains accurate information. If you have any questions regarding this submittal, please call Wes Hawthorne of Locus at (650) 960-1640, or me at (408) 474-6129.

Sincerely,

Glen Tsukamoto

Glen Tsukamoto
Environmental/Safety Manager
Philips Semiconductors

GT/rr

Enclosure

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I:\99-014\MONITORING REPORTS\KIFER\2005\2005 KIFER SHAHBAZIAN DOC (19-Jan-06)

Annual Groundwater Monitoring Report January to December 2005

Philips Semiconductors 740 Kifer Road Site Sunnyvale, California

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3	2005 TCE Removal by Groundwater Extraction, Philips Semiconductors, 740 Kifer Road, Sunnyvale, California
4	Annual 2005 Groundwater Treatment System Flow and Mass Removal Data, Philips Semiconductors, 740 Kifer Road, Sunnyvale, California
5	2005 Treatment System Analytical Results, Volatile Organic Compounds, 740 Kifer Road, Sunnyvale, California
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4	99-014-A268	"B1" Aquifer Groundwater Elevation Contours, 4 October 2005, 740 Kifer Road, Sunnyvale, California, Philips Semiconductors
5	99-014-A267	"A" Aquifer TCE Concentration Contours, October 2005, 740 Kifer Road, Sunnyvale, California, Philips Semiconductors
6	99-014-A269	"B" Aquifer TCE Concentration Contours, October 2005, 740 Kifer Road, Sunnyvale, California, Philips Semiconductors

REPORT
2005 ANNUAL GROUNDWATER MONITORING REPORT
740 KIFER ROAD SITE
SUNNYVALE, CALIFORNIA

1. INTRODUCTION

This Annual Groundwater Monitoring Report was prepared to comply with the requirements outlined in Provisions C.5 of Site Cleanup Requirements (SCR) Order No. 97-064 adopted by the Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) on May 21, 1997. This report was prepared by Locus Technologies (Locus) on behalf of Philips Semiconductors (Philips) for the 740 Kifer Road site in Sunnyvale, California.

This report provides a description of the field activities and analyses performed in 2005, including annual water level measurements and annual groundwater analytical monitoring. Data summarizing the site's groundwater extraction and treatment systems, including operation and performance data and analytical concentrations, are also included in this report.

1.1. Report Organization

The report is organized as follows:

- Chapter 1: Introduction
- Chapter 2: Groundwater Elevations
- Chapter 3: Groundwater Treatment System

- Chapter 4: Groundwater Extraction Program
- Chapter 5: Quality Assurance/Quality Control Results

The following work was conducted during 2005:

- Annual groundwater elevation monitoring events at the site were conducted on 4 October 2005
- Annual well sampling at the site was conducted between 6 and 18 October 2005.
- Restoration of power for groundwater treatment system as discussed in Section 4.

Site activities planned for 2006 include the following:

- Annual groundwater elevation monitoring is scheduled for October 2006.
- Annual groundwater analytical sampling is scheduled for October 2006.
- Restoration of power for groundwater treatment system is expected to be completed in first quarter 2006.
- Continued operation of groundwater recovery wells and on-site groundwater treatment system.

2. GROUNDWATER ELEVATIONS

Previous investigations at the site have indicated the presence of three hydrologic units: the "A", the "B1", and the "B2". The "A" aquifer extends from the water table to approximately 32 feet above mean sea level (MSL). Underlying the "A" aquifer is the "B1" aquifer, which extends from approximately 32 feet above MSL to approximately 10 feet above MSL. The "B2" aquifer extends from approximately 10 feet above MSL to 18 feet below MSL. The general direction of groundwater flow at the site is to the north-northeast, toward the baylands of the San Francisco Bay.

Water elevations at the site were monitored on 4 October 2005. "A" aquifer elevations are measured in 16 groundwater monitoring wells and two extraction wells. "B1" aquifer elevations are measured in 12 groundwater monitoring wells. Because previous investigations have shown that the "B2" aquifer has not been impacted by volatile organic compounds (VOCs), groundwater in this aquifer is not monitored. Table 1 presents groundwater elevations measured during 2005 monitoring events. Historical groundwater elevations for the site are presented in Appendix A.

2.1. "A" Aquifer Groundwater Elevations

Aquifer "A" groundwater elevations were measured on 4 October 2005. Groundwater elevations for Aquifer "A" are presented in Table 1. Groundwater contours for Aquifer "A" are presented in Figure 3. Because the extraction systems were not operating during the groundwater elevation measurements, the capture zone cannot be evaluated.

2.2. "B1" Aquifer Groundwater Elevations

Aquifer "B1" groundwater elevations were also measured on 4 October 2005. The groundwater elevations are listed in Table 1 and the groundwater contours for Aquifer "B1" are presented in Figure 4.

3. GROUNDWATER ANALYTICAL RESULTS

Sampling of on-site monitoring wells was conducted between 6 and 18 October 2005. Twenty-six wells were sampled by Locus and analyzed by Curtis & Tompkins, Ltd., a state certified laboratory, for EPA Method 8010 and 8020 constituents, including cis-1,2-dichloroethene (cis-1,2-DCE) and 1,1,2,-trichlorotriflouroethane (Freon 113). Table 2 provides a summary of groundwater analytical results for selected compounds detected during this sampling event. Historical groundwater VOC concentrations measured at the site are presented in Appendix B.

3.1. Monitoring Well Results

Of the chemicals detected at the site, trichloroethene (TCE) has been detected most frequently and at the highest concentrations. The maximum "A" aquifer TCE concentration reported during this sampling period was 200 micrograms per liter (µg/l) at well S102A. "A" aquifer concentrations did not vary significantly from the 2004 sampling event. Figure 5 shows the "A" aquifer TCE concentration contours.

The maximum "B" aquifer TCE concentration reported during this sampling period was 39 µg/l at well S037B1. No notable variations from historical data were observed in the "B1" aquifer during the 2005 sampling event. "B1" aquifer TCE concentration contours are shown in Figure 6.

As discussed in Section 4, the groundwater treatment system was shut down due to power loss in late August 2005. Groundwater concentrations at the downgradient (north) end of the plume are being monitored closely for signs of plume migration. Figure 5 demonstrates that as of October 2005, the downgradient concentrations remain similar to historical values.

3.2. Natural Attenuation Evaluation

Natural attenuation sampling was conducted in October 2005 according to EPA Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water (EPA, 1998) for the purpose of evaluating the presence of natural attenuation. The analytical results of natural attenuation parameters collected for the site are presented in Table 6. Although only two sampling rounds have been conducted at the site, the results show certain notable trends, including increasing dissolved oxygen, nitrate, and sulfate, and no detectable concentrations of ferrous iron. These results indicate favorable conditions for aerobic degradation of chlorinated solvents. A complete evaluation of the presence of natural attenuation requires multiple rounds of natural attenuation parameter sample collections. An annual assessment will be presented in the subsequent annual monitoring reports when additional natural attenuation data is available for the site.

4. GROUNDWATER TREATMENT SYSTEM

The system consists of two "A" aquifer groundwater recovery wells, S066A and S119A, which pumped groundwater at an average combined rate of 11.8 gallons per minute (gpm) in 2005. Extracted groundwater is treated by three 1,000-pound (lb.) granular activated carbon vessels. Treated water is discharged into Sunnyvale East Channel in accordance with NPDES General Permit CAG912003, Order R2-2004-005. Figure 1 shows the treatment system location point of discharge to the Sunnyvale East Channel.

In late August 2005, the power supply to the groundwater treatment system was disconnected due to theft of electrical wiring in the neighboring building from which the system was wired. Because the owner of the building has no plans to restore power, Philips immediately began the process of obtaining a separate power supply for the treatment system directly from Pacific Gas and Electric (PG&E). As of the date of this report, PG&E has approved the connection but has yet to complete the installation. The power is expected to be restored in first quarter 2006.

4.1. Treatment System Analytical Results

The treatment system's influent and effluent groundwater was sampled monthly during 2005. Groundwater treatment system analytical results for 2005 are summarized in Table 5. TCE showed the highest concentrations in the treatment system influent, with an average concentration of 55 μg/l. Low concentrations of 1,1,1-Trichloroethane (TCA), cis-1,2-Dichloroethene, and Tetrachloroethene (PCE) were also detected in influent samples.

4.2. Groundwater Extraction

During 2005, the recovery wells S066A and S119A extracted groundwater at average rates of 2.7 and 9.1 gallons per minute, respectively. Extraction from well S119A accounted for approximately 77% of the total system discharge and 82% of the TCE removal. Quarterly flow and TCE mass removal by wells S066A and S119A are summarized in Table 3.

In 2005, the granular activated carbon vessels treated approximately 6.6 million gallons of water, with an average annual flow rate of approximately 13 gpm. Approximately 4 pounds of VOCs, composed primarily of TCE, were removed from the groundwater by the treatment system in 2005. Table 4 presents a summary of the annual groundwater treatment system flow and VOC mass removal data.

5. QUALITY ASSURANCE/ QUALITY CONTROL RESULTS

As specified in the Quality Assurance Plan (QAP), quality assurance/quality control (QA/QC) samples were collected to determine the accuracy of field and laboratory procedures.

5.1. Field QC Samples

Field QC samples were collected to assess the potential for contamination associated with field sampling equipment, containers, and procedures. The field QC samples that were collected are discussed in the following subsections.

5.1.1. Duplicates

A duplicate groundwater sample was collected from well S102A in October 2005. Duplicate samples are submitted "blind" to the laboratory using a numeric identification and analyzed for the same parameters as those specified for the primary sample. Results for the primary and duplicate samples are presented in Table 2.

5.1.2. Trip Blanks

Trip blanks are used to assess potential cross-contamination of VOCs in groundwater samples. One trip blank accompanied every cooler that was relinquished to the laboratory for VOC analyses. The trip blanks consisted of containers filled with deionized water. All trip blanks analyzed for the year 2005 showed acceptable results for the tested parameters.

5.1.3. Field Blank

A field blank was collected during the well sampling and submitted "blind" to the laboratory. No VOC concentrations were observed in any of the field blanks.

5.1.4. Rinseate Blanks

A rinseate blank was collected to assess the quality of field decontamination procedures. This sample was submitted "blind". No detections were reported for this sample, indicating proper field decontamination procedures.

5.2. Laboratory QA/QC Samples

Laboratory QA/QC samples were prepared and analyzed to determine whether internal laboratory QA/QC procedures were followed during routine operations. Laboratory QA/QC samples are summarized in the sections below.

5.2.1. Method Blanks

Method blanks are internal laboratory samples that are used to assess laboratory QA/QC procedures. Constituents were not detected in any blanks, indicating that proper laboratory procedures were followed and that no apparent contamination exists in the glassware or instruments at the laboratory.

5.2.2. Matrix Spike/Matrix Spike Duplicates

Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples are prepared by taking two aliquots of water from one sample in each batch (not to exceed 20 samples) and spiking these aliquots with a known amount of a constituent. The prepared aliquots are run as regular samples with the rest of the batch.

MS/MSD samples are analyzed to assess accuracy and precision by means of percent recovery and relative percent difference (RPD), respectively. Percent recovery and RPD results are used to assess the quality of the current data. All MS/MSD samples analyzed this year showed acceptable results.

5.2.3. Surrogates

Surrogates are used to assess the extraction procedure performed on every sample. Each sample is spiked with a known concentration of a surrogate compound that has chemical properties similar to the constituents being analyzed. This surrogate is then recovered following the extraction process. A recovery reported within the established laboratory control limit indicates that a normal extraction was executed and that laboratory instruments are performing properly. All of the surrogates analyzed during the 2005 sampling event were within acceptable ranges.

Respectfully submitted,

John W.

Rashmi H. Ramachandra
Assistant Project Engineer

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REFERENCES

EMCON "Philips Semiconductors 1998 Groundwater Monitoring Report, 740 Kifer Road, Sunnyvale, California" January 20,1999

EMCON "The Proposed Final Remedial Action and Cleanup Standards, Former Philips Semiconductors Facility, 740 Kifer Road, Sunnyvale, California" March 18, 1997.

EPA, "Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water," September 1998.

TABLE 1
2005 WATER ELEVATION REPORT
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Well ID	Aquifer	Measure Point Elevation (feet, msl)	4 October 2005 Water Elevation (feet, msl)
S009A	A	68.52	56.31
S010A	A	68.37	NA
S035A	A	70.06	56.52
S036A	A	70.11	55.14
S037A	A	70.33	54.97
S066A *	A	70.10	55.34
S102A	A	68.11	54.13
S103A	A	68.03	53.41
S105A	A	68.99	53.15
S106A	A	68.79	52.36
S107A	A	68.85	52.64
S108A	A	68.89	51.36
S109A	A	65.18	54.38
S110A	A	65.32	51.35
S112A	A	64.39	54.77
S119A *	A	64.46	52.42
S120A	A	61.66	53.49
S035A2	A	64.71	56.33
S009B1	A	64.72	58.68
S010B1	A	60.11	NA
S036B1	A	60.19	57.73
S037B1	A	68.19	55.88
S066B1	A	68.40	57.88
S102B1	A	60.31	57.50
S107B1	A	67.11	54.30
S108B1	A	67.44	53.07
S109B1	A	61.15	57.14
S113B1	A	64.26	58.06
S155B1	A	66.64	55.28
S156B1	A	65.73	55.96

Notes:

* - Extraction well

msl - mean sea level

NA - Data not available

TABLE 2
2005 GROUNDWATER ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

	Location	S009A	S009B1	S010A	S010B1	S035A2	S035A	S036A	S036B1	S037A	S037B1
	Date	10/17/2005	10/7/2005	10/17/2005	10/7/2005	10/13/2005	10/17/2005	10/17/2005	10/7/2005	10/17/2005	10/13/2005
	Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter	Units										
1,1,1-Trichloroethane (TCA)	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	1.4	1.6	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	µg/l	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
1,1-Dichloroethane (1,1-DCA)	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.60	ND 0.50
1,2-Dichloroethane	µg/l	ND 0.50	0.70	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.80	ND 0.50	ND 0.50
1,2-Dichloropropane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
2-Chloroethyl Vinyl Ether	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Benzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromomethane	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloromethane	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	µg/l	0.90	ND 0.50	ND 0.50	0.70	ND 0.50	ND 0.50	ND 0.50	ND 0.50	18	21
cis-1,3-Dichloropropene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
m,p-Xylene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	µg/l	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
o-Xylene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Toluene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	0.70	0.50
trans-1,3-Dichloropropene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Trichloroethene (TCE)	µg/l	31	ND 0.50	25	3.3	51	47	42	ND 0.50	80	39

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results are analyzed by 8260B

Locus TECHNOLOGIES

TABLE 2
2005 GROUNDWATER ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

	Location	S009A	S009B1	S010A	S010B1	S035A2	S035A	S036A	S036B1	S037A	S037B1
	Date	10/17/2005	10/7/2005	10/17/2005	10/7/2005	10/13/2005	10/17/2005	10/17/2005	10/7/2005	10/17/2005	10/13/2005
	Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter	Units										
Trichlorofluoromethane (CFC 11)	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results are analyzed by 8260B

Locus TECHNOLOGIES

TABLE 2
2005 GROUNDWATER ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

	Location	S066A	S066B1	S102A	S102A	S102B1	S103A	S105A	S106A	S107A	S108B1
	Date	10/13/2005	10/7/2005	10/18/2005	10/18/2005	10/7/2005	10/17/2005	10/13/2005	10/18/2005	10/13/2005	10/7/2005
	Sample Purpose	REG	REG	FD	REG	REG	REG	REG	REG	REG	REG
Parameter	Units										
1,1,1-Trichloroethane (TCA)	µg/l	ND 0.50	ND 0.50	0.60	0.60	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	µg/l	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
1,1-Dichloroethane (1,1-DCA)	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	µg/l	ND 0.50	ND 0.50	0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
2-Chloroethyl Vinyl Ether	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Benzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromomethane	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloromethane	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	µg/l	0.60	ND 0.50	12	11	ND 0.50	ND 0.50	ND 0.50	0.80	ND 0.50	ND 0.50
cis-1,3-Dichloropropene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
m,p-Xylene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	µg/l	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
o-Xylene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	µg/l	ND 0.50	ND 0.50	1.0	1.0	ND 0.50	0.50	ND 0.50	0.80	0.60	ND 0.50
Toluene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Trichloroethene (TCE)	µg/l	49	ND 0.50	200	200	ND 0.50	21	0.50	81	6.9	ND 0.50

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results are analyzed by 8260B

TABLE 2
2005 GROUNDWATER ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

	Location	S066A	S066B1	S102A	S102A	S102B1	S103A	S105A	S106A	S107A	S108B1
	Date	10/13/2005	10/7/2005	10/18/2005	10/18/2005	10/7/2005	10/17/2005	10/13/2005	10/18/2005	10/13/2005	10/7/2005
	Sample Purpose	REG	REG	FD	REG	REG	REG	REG	REG	REG	REG
Parameter	Units										
Trichlorofluoromethane (CFC 11)	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results are analyzed by 8260B

TABLE 2
2005 GROUNDWATER ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

	Location	S109A	S110A	S112A	S119A	S120A	S155B1	S156B1
	Date	10/17/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/6/2005	10/7/2005
	Sample Purpose	REG	REG	REG	REG	REG	REG	REG
Parameter	Units							
1,1,1-Trichloroethane (TCA)	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	µg/l	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
1,1-Dichloroethane (1,1-DCA)	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,4-Dichlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
2-Chloroethyl Vinyl Ether	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Benzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromodichloromethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromomethane	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Tetrachloride	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloromethane	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	µg/l	ND 0.50	ND 0.50	ND 0.50	0.70	0.90	ND 0.50	ND 0.50
cis-1,3-Dichloropropene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Ethylbenzene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
m,p-Xylene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Methylene Chloride	µg/l	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
o-Xylene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Tetrachloroethene (PCE)	µg/l	ND 0.50	ND 0.50	ND 0.50	0.80	0.80	ND 0.50	ND 0.50
Toluene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,2-Dichloroethene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Trichloroethene (TCE)	µg/l	49	17	6.7	69	54	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results are analyzed by 8260B

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TABLE 2
2005 GROUNDWATER ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

	Location	S109A	S110A	S112A	S119A	S120A	S155B1	S156B1
	Date	10/17/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/6/2005	10/7/2005
	Sample Purpose	REG	REG	REG	REG	REG	REG	REG
Parameter	Units							
Trichlorofluoromethane (CFC 11)	µg/l	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Chloride	µg/l	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
ug/l - micrograms per liter
All results are analyzed by 8260B

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TABLE 3
2005 TCE REMOVAL BY GROUNDWATER EXTRACTION
PHILIPS SEMICONDUCTORS, 740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Groundwater Extraction System	Average Flow (gpm)	TCE Concentration (μg/l)	TCE Removal (lbs/day)	% of Total Discharge	% of Total TCE Removal
First Quarter					
S066A	4.7	49	0.003	25%	19%
S119A	14.3	69	0.012	75%	81%
Total	19.0		0.015	100%	100%
Second Quarter					
S066A	3.2	49	0.002	18%	14%
S119A	14.5	69	0.012	82%	86%
Total	17.8		0.014	100%	100%
Third Quarter					
S066A	2.8	49	0.002	28%	22%
S119A	7.2	69	0.006	72%	78%
Total	10.0		0.008	100%	100%
Fourth Quarter					
S066A	0.2	49	0.000	36%	28%
S119A	0.4	69	0.000	64%	72%
Total	0.5		0.000	100%	100%
2005 Annual Average					
S066A	2.7	49	0.002	23%	18%
S119A	9.1	69	0.008	77%	82%
Total	11.8		0.009	100%	100%

TABLE 4
ANNUAL 2005
GROUNDWATER TREATMENT SYSTEM FLOW AND MASS REMOVAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

	Treated Groundwater (Gallons)	Average Flow (gpm)	Total Influent VOC Concentration (µg/l)	VOC Mass Removed (Pounds)
January	926,461	20	92	0.7
February	773,379	19	85	0.5
March	868,172	21	81	0.6
1st Quarter	2,568,012	13	-	1.8
April	869,373	19	71	0.5
May	887,854	19	66	0.5
June	743,535	18	64	0.4
2nd Quarter	2,500,762	10	-	1.4
July	691,691	16	73	0.4
August	730,021	18	67	0.4
September	0	0	0	0.0
3rd Quarter	1,421,712	1	-	0.8
October	78,841	3	62	0.0
November	6	0	0	0.0
December	11	0	0	0.0
4th Quarter	78,858	0	-	0.0
2005 Total	6,569,344	13	55	4.1

Notes:

[1] Treated groundwater is re-used on site for flushing fixtures such as toilets, equipment decontamination, and irrigation; city water is used in lieu of treated groundwater when necessary.

Addition of city water to the holding tank prior to discharge can result in a greater volume of discharged water than treated.

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	27	27	27	27	27	27	27	27	27	27	27
Date	1/12/2005	2/9/2005	2/9/2005	3/16/2005	4/13/2005	5/11/2005	6/8/2005	6/8/2005	7/13/2005	8/10/2005	10/8/2005
Sample Purpose	REG	FD	REG	REG	REG	REG	FD	REG	REG	REG	FD
Parameter											
1,1,1,2-Tetrachloroethane	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,1,1-Trichloroethane (TCA)	0.70	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
1,1-Dichloroethane (1,1-DCA)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloropropene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,2,3-Trichlorobenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,2,3-Trichloropropane	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,2,4-Trichlorobenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,2,4-Trimethylbenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,2-Dibromo-3-chloropropane (DBCP)	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,2-Dibromoethane (EDB)	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,2-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3,5-Trimethylbenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,3-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichloropropane	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
1,4-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
2,2-Dichloropropane	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
2-Butanone (MEK)	NT	NT	NT	NT	NT	NT	ND 10	ND 10	NT	NT	ND 10
2-Chloroethyl Vinyl Ether	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 10	ND 10	ND 1.0	ND 1.0	ND 10
2-Chlorotoluene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
2-Hexanone	NT	NT	NT	NT	NT	NT	ND 10	ND 10	NT	NT	ND 10
4-Chlorotoluene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
4-Isopropyltoluene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
Acetone	NT	NT	NT	NT	NT	NT	ND 10	ND 10	NT	NT	ND 10
Benzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
Bromobenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
Bromochloromethane	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All results analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	27	27	27	27	27	27	27	27	27	27	27
Date	1/12/2005	2/9/2005	2/9/2005	3/16/2005	4/13/2005	5/11/2005	6/8/2005	6/8/2005	7/13/2005	8/10/2005	10/8/2005
Sample Purpose	REG	FD	REG	REG	REG	REG	FD	REG	REG	REG	FD
Parameter											
Bromodichloromethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 1.0	ND 0.50	ND 0.50	ND 1.0
Bromomethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Disulfide	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
Carbon Tetrachloride	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloromethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	1.4	0.90	0.90	1.0	0.70	0.60	0.80	0.70	0.80	0.70	0.70
cis-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromomethane	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
Dichlorodifluoromethane (CFC 12)	NT	NT	NT	NT	NT	NT	ND 1.0	ND 1.0	NT	NT	ND 1.0
Ethylbenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
Hexachlorobutadiene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
Isopropylbenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
m,p-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
Methyl Isobutyl Ketone	NT	NT	NT	NT	NT	NT	ND 10	ND 10	NT	NT	ND 10
Methylene Chloride	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
MTBE	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
n-Butylbenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
n-Propylbenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
Naphthalene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
o-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
sec-Butylbenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
Styrene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
tert-Butylbenzene	NT	NT	NT	NT	NT	NT	ND 0.50	ND 0.50	NT	NT	ND 0.50
Tetrachloroethene (PCE)	0.80	0.70	0.80	0.70	0.90	0.60	0.70	0.60	0.80	0.60	0.60
Toluene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
trans-1,2-Dichloroethene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All results analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	27 1/12/2005 REG	27 2/9/2005 FD	27 2/9/2005 REG	27 3/16/2005 REG	27 4/13/2005 REG	27 5/11/2005 REG	27 6/8/2005 FD	27 6/8/2005 REG	27 7/13/2005 REG	27 8/10/2005 REG	27 10/8/2005 FD
Trichloroethene (TCE)	89	83	82	79	69	65	62	63	71	66	61
Trichlorofluoromethane (CFC 11)	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND 10	ND 10	NT	NT	ND 10
Vinyl Chloride	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All results analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	27	3027	3027	3027	3027	3027	3027	3027	3027	3027
Date	10/8/2005	1/12/2005	2/9/2005	3/16/2005	4/13/2005	5/11/2005	6/8/2005	7/13/2005	8/10/2005	10/8/2005
Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter										
1,1,1,2-Tetrachloroethane	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,1,1-Trichloroethane (TCA)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2,2-Tetrachloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1,2-Trichlorotrifluoroethane (CFC 113)	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
1,1-Dichloroethane (1,1-DCA)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloroethene (1,1-DCE)	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,1-Dichloropropene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,2,3-Trichlorobenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,2,3-Trichloropropane	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,2,4-Trichlorobenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,2,4-Trimethylbenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,2-Dibromo-3-chloropropane (DBCP)	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,2-Dibromoethane (EDB)	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,2-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloroethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,2-Dichloropropane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3,5-Trimethylbenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,3-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
1,3-Dichloropropane	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
1,4-Dichlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
2,2-Dichloropropane	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
2-Butanone (MEK)	ND 10	NT	NT	NT	NT	NT	ND 10	NT	NT	ND 10
2-Chloroethyl Vinyl Ether	ND 10	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 10	ND 1.0	ND 1.0	ND 10
2-Chlorotoluene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
2-Hexanone	ND 10	NT	NT	NT	NT	NT	ND 10	NT	NT	ND 10
4-Chlorotoluene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
4-Isopropyltoluene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
Acetone	ND 10	NT	NT	NT	NT	NT	ND 10	NT	NT	ND 10
Benzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
Bromobenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
Bromochloromethane	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All results analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

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TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	27	3027	3027	3027	3027	3027	3027	3027	3027	3027
Date	10/8/2005	1/12/2005	2/9/2005	3/16/2005	4/13/2005	5/11/2005	6/8/2005	7/13/2005	8/10/2005	10/8/2005
Sample Purpose	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Parameter										
Bromodichloromethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Bromoform	ND 1.0	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 1.0	ND 0.50	ND 0.50	ND 1.0
Bromomethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Carbon Disulfide	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
Carbon Tetrachloride	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chlorobenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloroethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Chloroform	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Chloromethane	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
cis-1,2-Dichloroethene	0.70	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
cis-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromochloromethane	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Dibromomethane	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
Dichlorodifluoromethane (CFC 12)	ND 1.0	NT	NT	NT	NT	NT	ND 1.0	NT	NT	ND 1.0
Ethylbenzene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
Hexachlorobutadiene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
Isopropylbenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
m,p-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
Methyl Isobutyl Ketone	ND 10	NT	NT	NT	NT	NT	ND 10	NT	NT	ND 10
Methylene Chloride	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0
MTBE	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
n-Butylbenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
n-Propylbenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
Naphthalene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
o-Xylene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
sec-Butylbenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
Styrene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
tert-Butylbenzene	ND 0.50	NT	NT	NT	NT	NT	ND 0.50	NT	NT	ND 0.50
Tetrachloroethene (PCE)	0.70	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Toluene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	NT	NT	ND 0.50
trans-1,2-Dichloroethene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
trans-1,3-Dichloropropene	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All results analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 5
2005 TREATMENT SYSTEM ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location Date Sample Purpose Parameter	27 10/8/2005 REG	3027 1/12/2005 REG	3027 2/9/2005 REG	3027 3/16/2005 REG	3027 4/13/2005 REG	3027 5/11/2005 REG	3027 6/8/2005 REG	3027 7/13/2005 REG	3027 8/10/2005 REG	3027 10/8/2005 REG
Trichloroethene (TCE)	59	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50
Trichlorofluoromethane (CFC 11)	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0
Vinyl Acetate	ND 10	NT	NT	NT	NT	NT	ND 10	NT	NT	ND 10
Vinyl Chloride	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50	ND 0.50

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

All results analyzed by EPA Method 8260B, and reported in micrograms per liter (ug/l)

TABLE 6
2005 NATURAL ATTENUATION ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Parameter Units Date	BICARBONATE ALKALINITY mg/l	ALKALINITY AS CaCO3 mg/l	HYDROXIDE ALKALINITY mg/l	ALKALINITY AS CaCO3 mg/l	CHLORIDE mg/l	DISSOLVED ORGANIC CARBON mg/l	Dissolved Oxygen Saturation %	DISSOLVED OXYGEN mg/l	ETHANE mg/l
S009A	10/27/2004	230	ND 1.0	ND 1.0	230	37	5.7	NT	0.50	ND 0.0050
S009A	10/17/2005	210	ND 1.0	ND 1.0	210	26	6.8	22	2.0	ND 0.0050
S010B1	10/26/2004	420	ND 1.0	ND 1.0	420	63	2.2	NT	1.0	ND 0.0050
S010B1	10/7/2005	350	ND 1.0	ND 1.0	350	62	2.4	NT	NT	ND 0.0050
S035A	10/27/2004	340	ND 1.0	ND 1.0	340	55	ND 1.0	NT	1.9	ND 0.0050
S035A	10/17/2005	380	ND 1.0	ND 1.0	380	52	3.1	38	3.2	ND 0.0050
S036A	10/27/2004	340	ND 1.0	ND 1.0	340	52	8.9	NT	0.67	ND 0.0050
S036A	10/17/2005	330	ND 1.0	ND 1.0	330	45	3.4	26	2.2	ND 0.0050
S037A	10/27/2004	420	ND 1.0	ND 1.0	420	54	14	NT	0.34	ND 0.0050
S037A	10/17/2005	360	ND 1.0	ND 1.0	360	53	3.4	33	2.9	ND 0.0050
S037B1	10/25/2004	340	ND 1.0	ND 1.0	360	55	3.4	NT	5.4	ND 0.0050
S037B1	10/13/2005	610	ND 1.0	ND 1.0	610	59	3.2	17	1.5	ND 0.0050
S102A	10/28/2004	320	ND 1.0	ND 1.0	320	51	1.8	NT	0.58	ND 0.0050
S102A	10/28/2004	330	ND 1.0	ND 1.0	330	52	2.2	NT	NT	ND 0.0050
S102A	10/18/2005	340	ND 1.0	ND 1.0	340	51	1.5	37	3.4	ND 0.0050
S102A	10/18/2005	320	ND 1.0	ND 1.0	320	52	ND 1.0	NT	NT	ND 0.0050
S103A	10/27/2004	350	ND 1.0	ND 1.0	350	49	ND 1.0	NT	0.41	ND 0.0050
S103A	10/17/2005	330	ND 1.0	ND 1.0	330	41	2.8	29	2.7	ND 0.0050
S106A	10/28/2004	340	ND 1.0	ND 1.0	340	48	2.9	NT	0.97	ND 0.0050
S106A	10/18/2005	370	ND 1.0	ND 1.0	370	48	1.0	25	2.3	ND 0.0050
S107A	10/26/2004	310	ND 1.0	ND 1.0	310	53	2.8	NT	0.46	ND 0.0050
S107A	10/13/2005	300	ND 1.0	ND 1.0	300	29	1.9	22	2.0	ND 0.0050
S108B1	10/25/2004	320	ND 1.0	ND 1.0	320	74	7.2	NT	0.44	ND 0.0050
S108B1	10/7/2005	310	ND 1.0	ND 1.0	310	76	4.8	NT	NT	ND 0.0050
S109A	10/27/2004	290	ND 1.0	ND 1.0	290	45	1.0	NT	0.90	ND 0.0050
S109A	10/17/2005	270	ND 1.0	ND 1.0	270	46	ND 2.0	25	2.2	ND 0.0050
S110A	10/25/2004	350	ND 1.0	ND 1.0	350	34	1.9	NT	0.24	ND 0.0050
S110A	10/13/2005	260	ND 1.0	ND 1.0	260	34	2.8	15	1.4	ND 0.0050
S112A	10/26/2004	450	ND 1.0	ND 1.0	450	79	2.0	NT	0.0	ND 0.0050
S112A	10/26/2004	NT	NT	NT	NT	NT	NT	NT	1.4	NT

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
mg/l - milligrams per liter
umhos/cm - microsiemens per centimeter
mV - millivolts

TABLE 6
2005 NATURAL ATTENUATION ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Parameter Units Date	BICARBONATE ALKALINITY mg/l	ALKALINITY AS CaCO3 mg/l	HYDROXIDE ALKALINITY mg/l	ALKALINITY AS CaCO3 mg/l	CHLORIDE mg/l	DISSOLVED ORGANIC CARBON mg/l	Dissolved Oxygen Saturation %	DISSOLVED OXYGEN mg/l	ETHANE mg/l
S112A	10/13/2005	530	ND 1.0	ND 1.0	530	78	7.1	36	3.2	ND 0.0050
S120A	10/26/2004	360	ND 1.0	ND 1.0	360	52	7.0	NT	1.0	ND 0.0050
S120A	10/13/2005	370	ND 1.0	ND 1.0	370	48	ND 1.0	18	1.6	ND 0.0050

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
mg/l - milligrams per liter
umhos/cm - microsiemens per centimeter
mV - millivolts

TABLE 6
2005 NATURAL ATTENUATION ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Parameter Units Date	ETHYLENE mg/l	FERROUS IRON mg/l	MANGANESE mg/l	METHANE mg/l	NITRATE mg/l	OXIDATION REDUCTION POTENTIAL mV	SULFATE mg/l
S009A	10/27/2004	ND 0.0050	0.0	0.094	0.0060	0.65	211	35
S009A	10/17/2005	ND 0.0050	0.0	0.13	ND 0.0050	0.67	261	30
S010B1	10/26/2004	ND 0.0050	0.0	0.10	ND 0.0050	ND 0.050	215	91
S010B1	10/7/2005	ND 0.0050	NT	0.58	ND 0.0050	ND 0.050	NT	92
S035A	10/27/2004	ND 0.0050	0.0	0.10	ND 0.0050	2.6	233	56
S035A	10/17/2005	ND 0.0050	0.0	0.22	ND 0.0050	2.9	272	58
S036A	10/27/2004	ND 0.0050	0.0	1.1	ND 0.0050	2.0	318	49
S036A	10/17/2005	ND 0.0050	0.0	0.14	ND 0.0050	2.4	282	49
S037A	10/27/2004	ND 0.0050	0.0	0.94	ND 0.0050	1.7	245	62
S037A	10/17/2005	ND 0.0050	0.0	1.5	ND 0.0050	1.6	290	70
S037B1	10/25/2004	ND 0.0050	0.0	0.48	ND 0.0050	0.75	236	84
S037B1	10/13/2005	ND 0.0050	0.0	2.5	ND 0.0050	1.1	216	89
S102A	10/28/2004	ND 0.0050	0.0	0.29	ND 0.0050	1.7	250	61
S102A	10/28/2004	ND 0.0050	NT	0.43	ND 0.0050	1.7	NT	60
S102A	10/18/2005	ND 0.0050	0.0	0.61	ND 0.0050	1.7	279	63
S102A	10/18/2005	ND 0.0050	NT	1.0	ND 0.0050	1.7	NT	63
S103A	10/27/2004	ND 0.0050	0.0	0.097	ND 0.0050	1.9	212	50
S103A	10/17/2005	ND 0.0050	0.0	0.054	ND 0.0050	2.4	237	49
S106A	10/28/2004	ND 0.0050	0.0	0.021	ND 0.0050	2.2	228	54
S106A	10/18/2005	ND 0.0050	0.0	0.060	ND 0.0050	2.5	296	55
S107A	10/26/2004	ND 0.0050	0.0	0.41	0.060	0.070	228	57
S107A	10/13/2005	ND 0.0050	0.0	1.3	ND 0.0050	1.2	287	41
S108B1	10/25/2004	ND 0.0050	0.0	0.021	ND 0.0050	4.0	247	77
S108B1	10/7/2005	ND 0.0050	NT	0.0051	ND 0.0050	4.2	NT	82
S109A	10/27/2004	ND 0.0050	0.0	0.63	ND 0.0050	1.8	216	44
S109A	10/17/2005	ND 0.0050	0.0	0.48	ND 0.0050	2.4	237	48
S110A	10/25/2004	ND 0.0050	0.0	0.12	ND 0.0050	0.73	213	42
S110A	10/13/2005	ND 0.0050	0.0	0.36	ND 0.0050	0.94	258	34
S112A	10/26/2004	ND 0.0050	0.0	0.061	ND 0.0050	3.8	230	99
S112A	10/26/2004	NT	NT	NT	NT	NT	0.0	NT

Notes:

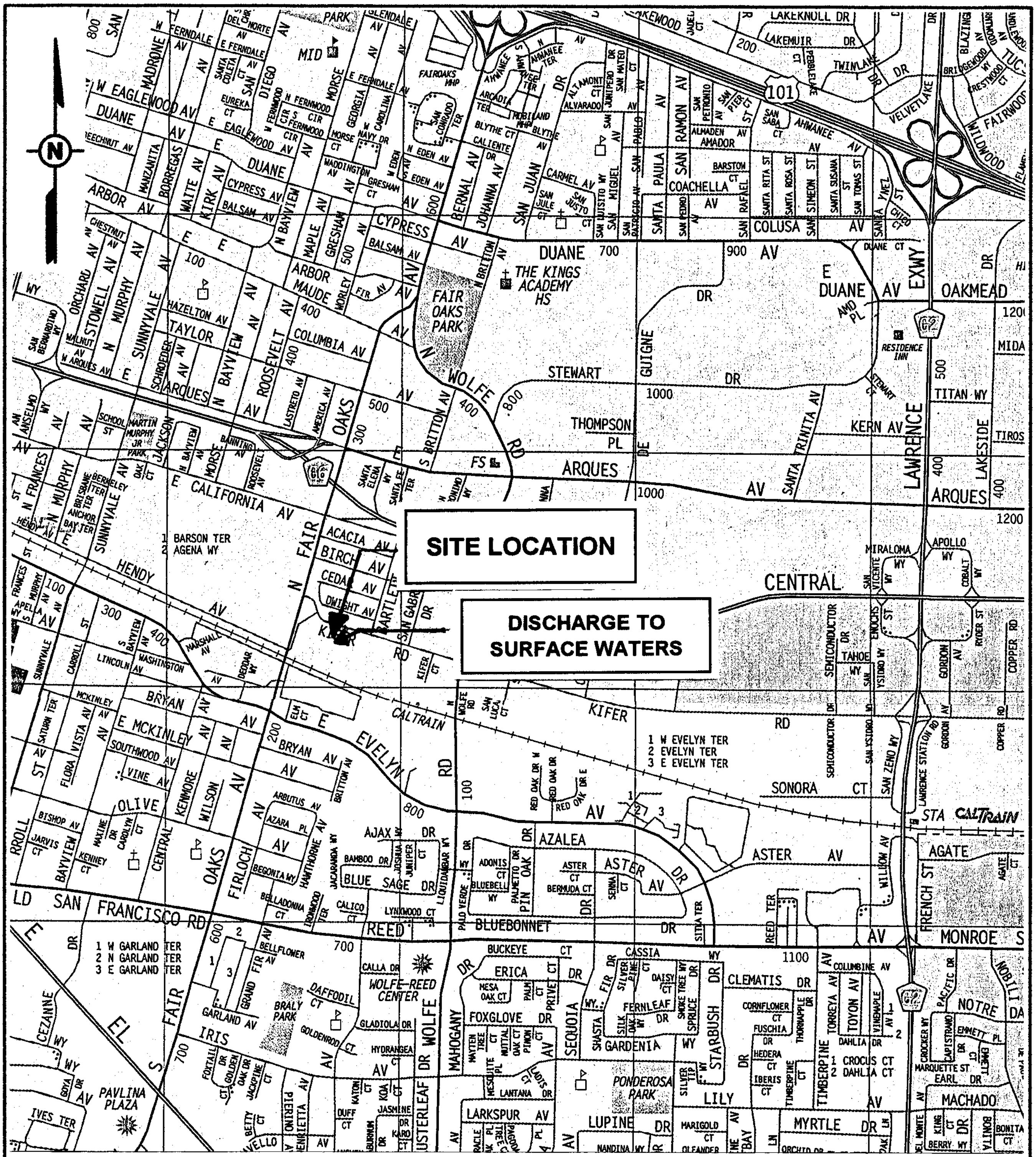
ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
mg/l - milligrams per liter
umhos/cm - microsiemens per centimeter
mV - millivolts

TABLE 6
2005 NATURAL ATTENUATION ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Parameter Units Date	ETHYLENE mg/l	FERROUS IRON mg/l	MANGANESE mg/l	METHANE mg/l	NITRATE mg/l	OXIDATION REDUCTION POTENTIAL mV	SULFATE mg/l
S112A	10/13/2005	ND 0.0050	0.0	0.066	ND 0.0050	4.2	316	96
S120A	10/26/2004	ND 0.0050	0.0	0.37	ND 0.0050	0.78	232	81
S120A	10/13/2005	ND 0.0050	0.0	0.17	ND 0.0050	0.57	185	94

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter
mg/l - milligrams per liter
umhos/cm - microsiemens per centimeter
mV - millivolts



SITE LOCATION MAP
740 KIFER ROAD
SUNNYVALE, CALIFORNIA

PREPARED FOR

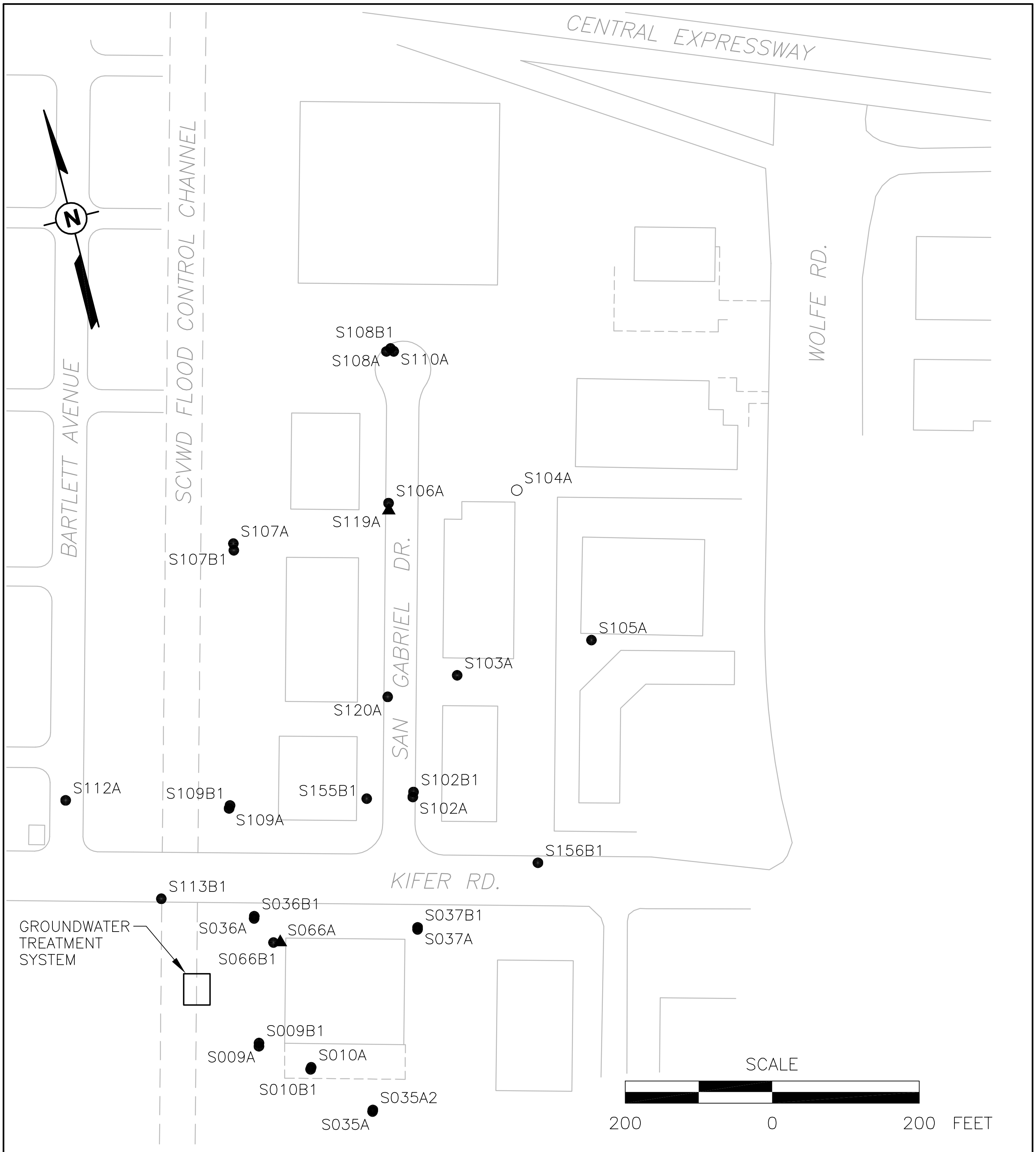
PHILIPS SEMICONDUCTORS
SUNNYVALE, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	7-30-99	ISSUED FOR REPORT	VZC		

Locus
TECHNOLOGIES

DRAWING NO.	99-014-A9
	FIGURE 1

K:\97-014\A8.DWG 7-27-99



LEGEND:

● MONITORING WELL

▲ EXTRACTION WELL

○ SEALED WELL

REFERENCE:

– EMCON DRAWING NO. KFR3WA.DWG, NOVEMBER 1998.

SITE PLAN
740 KIFER ROAD SITE
SUNNYVALE, CALIFORNIA

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PHILIPS
SEMICONDUCTORS

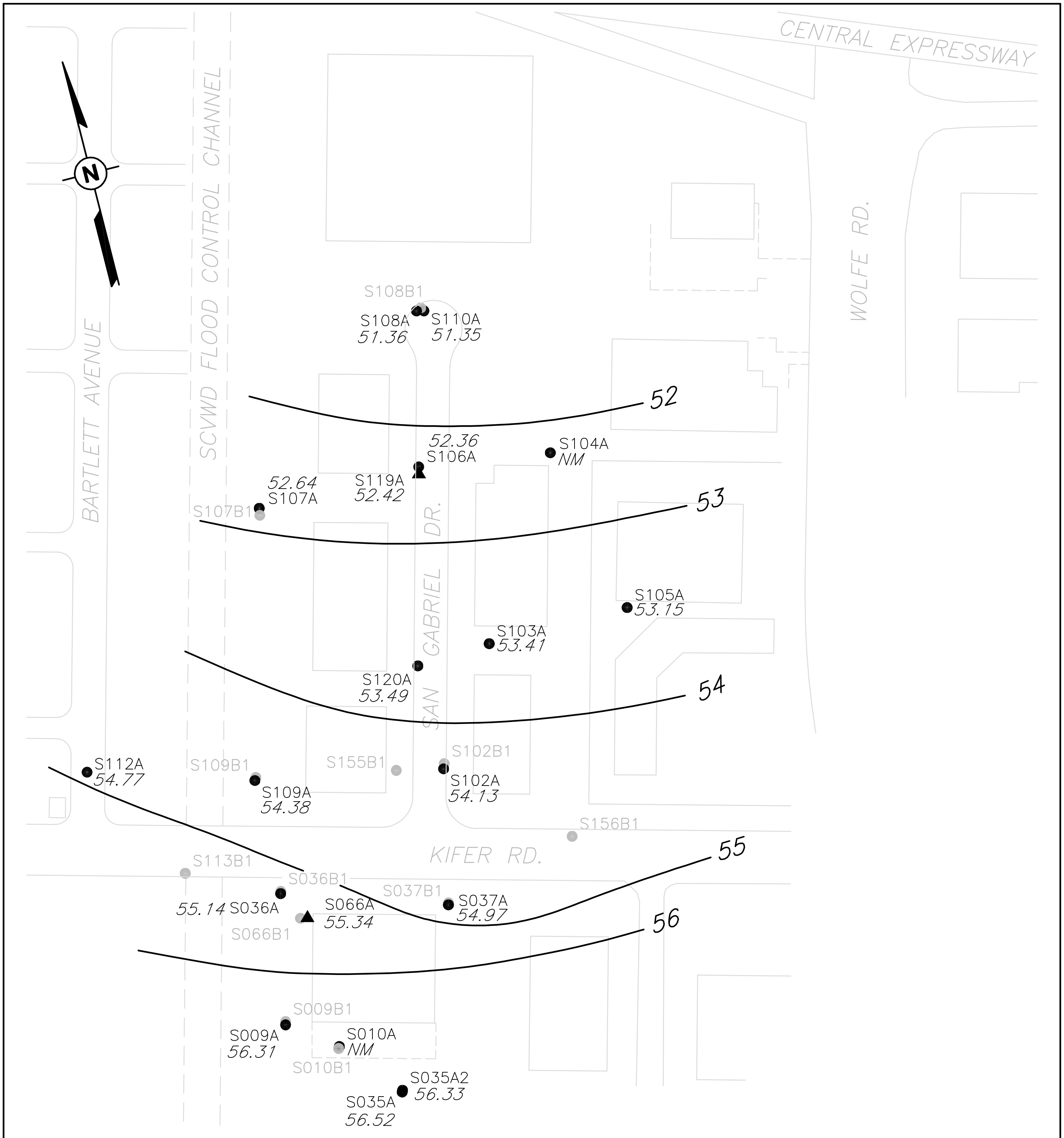
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
2	25-FEB-00	ISSUED FOR REPORT	VZC	AB	

Locus
TECHNOLOGIES

DRAWING NO. 99-014-A31

FIGURE 2

K:\99-014\A31.DWG 12-14-99



LEGEND:

● MONITORING WELL

▲ EXTRACTION WELL

56.52 GROUNDWATER ELEVATION 4 OCTOBER 2005

—*56*— GROUNDWATER ELEVATION CONTOURS, (ft MSL)

"A" AQUIFER
GROUNDWATER ELEVATION CONTOURS
4 OCTOBER 2005
740 KIFER ROAD SITE
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS
SEMICONDUCTORS

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1		ISSUED FOR REPORT	VZC	RHR	JWH

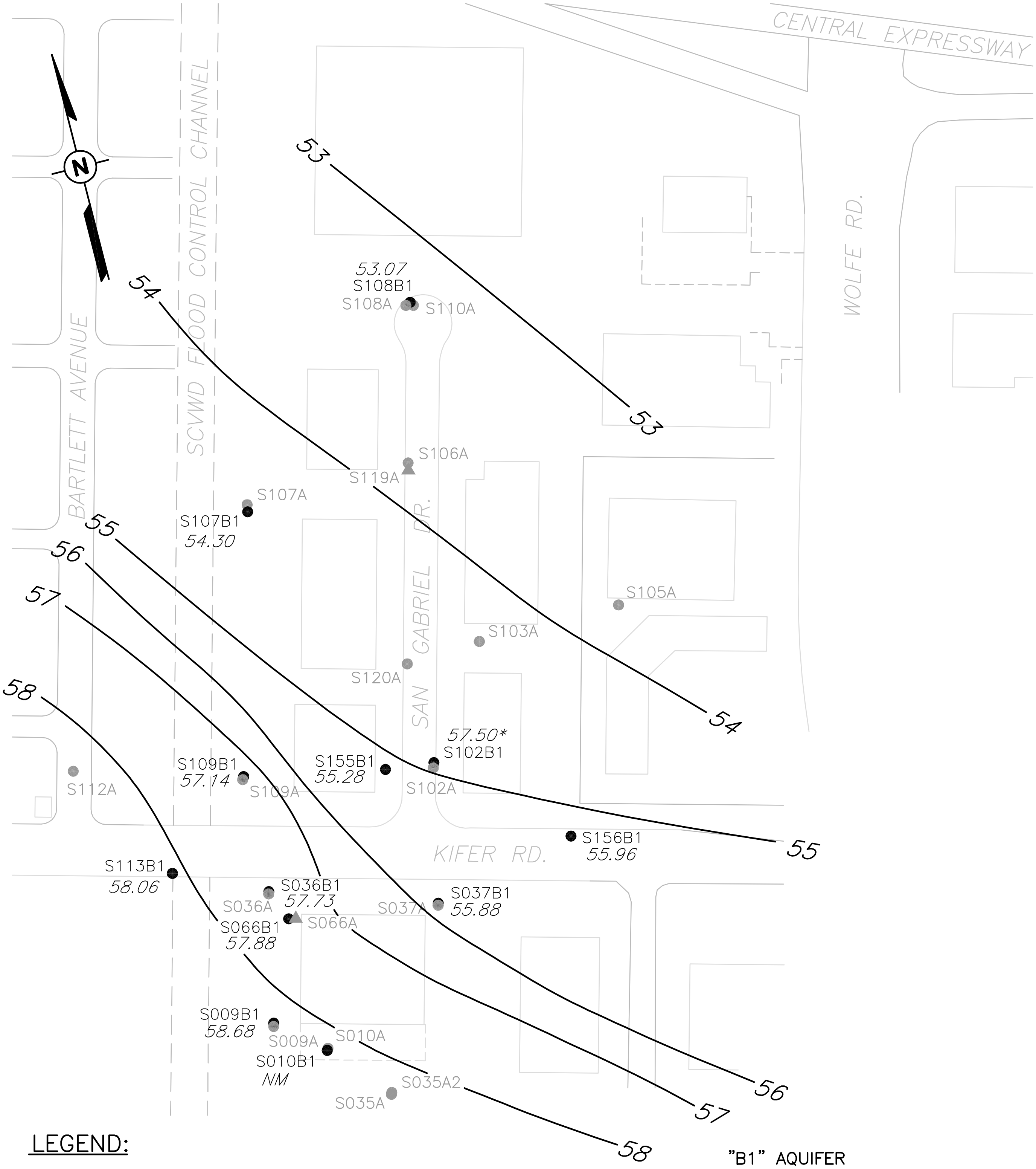
Locus
TECHNOLOGIES

SCALE IN FEET
0 100 200

DRAWING NO. 99-014-A266

FIGURE 3

K:\99-014\A266.DWG 6 JAN 06



LEGEND:

● MONITORING WELL

▲ EXTRACTION WELL

58.68 GROUNDWATER ELEVATION 04 OCTOBER 2005

—*56*— GROUNDWATER ELEVATION CONTOURS, (ft MSL)

NOTES:

1. * INCONSISTENT VALUE NOT USED FOR CONTOURING.

"B1" AQUIFER
GROUNDWATER ELEVATION CONTOURS
04 OCTOBER 2005
740 KIFER ROAD SITE
SUNNYVALE, CALIFORNIA

PREPARED FOR

**PHILIPS
SEMICONDUCTORS**

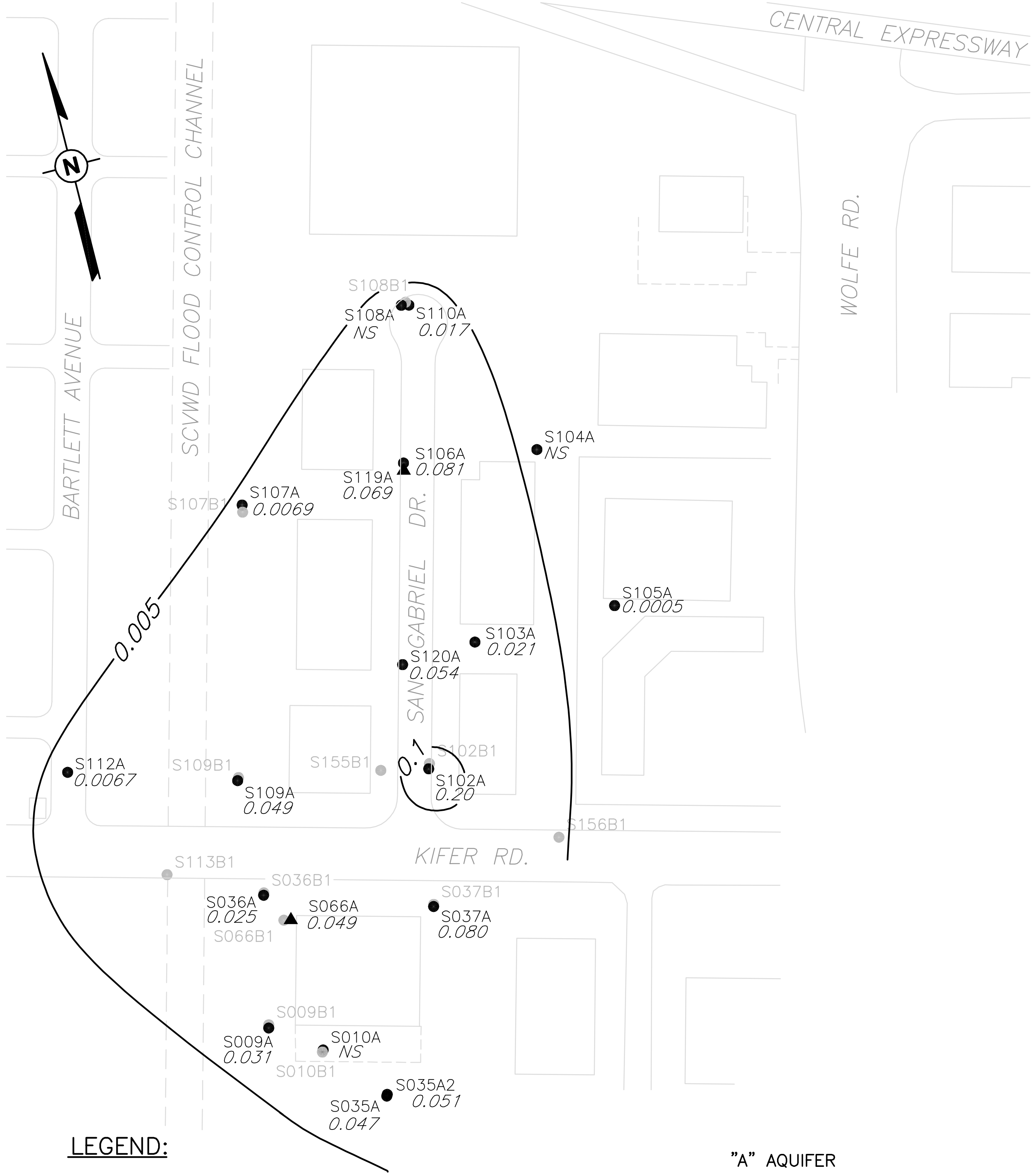
1		ISSUED FOR REPORT	VZC	RHR	JWH
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY

Locus
TECHNOLOGIES

SCALE IN FEET
0 100 200

DRAWING NO.	99-014-A268
FIGURE 4	

K:\99-014\A268.DWG 9 JAN 06



LEGEND:

●	MONITORING WELL
▲	EXTRACTION WELL
0.047	TCE CONCENTRATION (mg/L) OCTOBER 2005
NS	NOT SAMPLED
—0.005—	TCE CONCENTRATION CONTOURS (mg/L)
*	S035A2 IS SCREENED IN LOWER A–AQUIFER, DATA NOT CONSIDERED

"A" AQUIFER
TCE CONCENTRATION CONTOURS
OCTOBER 2005
740 KIFER ROAD SITE
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS
SEMICONDUCTORS

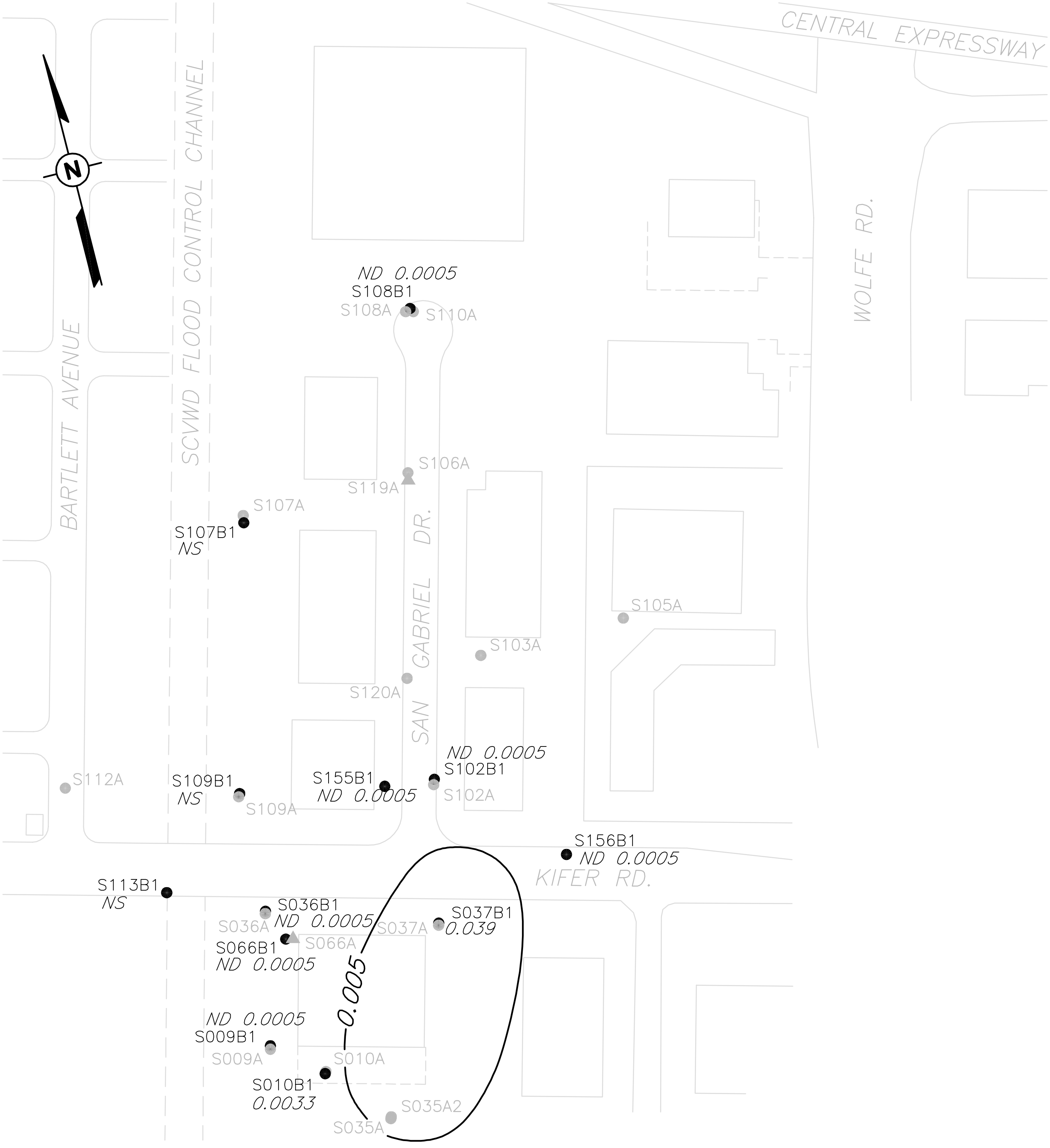
△		ISSUED FOR REPORT	VZC	RHR	JWH
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY

Locus
TECHNOLOGIES

SCALE IN FEET
0 100 200

DRAWING NO.	99-014-A267
	FIGURE 5

K:\99-014\A267.DWG 6 JAN 06



LEGEND:

●	MONITORING WELL
▲	EXTRACTION WELL
0.039	TCE CONCENTRATION (mg/L) OCTOBER 2005
NS	NOT SAMPLED
—*0.005*—	TCE CONCENTRATION CONTOUR, (mg/L)

"B1" AQUIFER
TCE CONCENTRATION CONTOURS
OCTOBER 2005
740 KIFER ROAD SITE
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS
SEMICONDUCTORS

1		ISSUED FOR REPORT	VZC	RHR	JWH
No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY

Locus
TECHNOLOGIES

SCALE IN FEET
0 100 200

DRAWING NO. 99-014-A269

FIGURE 6

K:\99-014\A269.DWG 9 JAN 06

APPENDIX A

HISTORICAL GROUNDWATER ELEVATIONS

APPENDIX A
HISTORICAL GROUNDWATER ELEVATIONS
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S009A	11/22/1985	N	54.12	17.78	
S009A	2/20/1986	N	58.9	13	
S009A	5/8/1986	N	57.23	14.67	
S009A	8/26/1986	N	54.47	17.43	
S009A	11/4/1986	N	54.44	17.46	
S009A	3/3/1987	N	53.79	18.11	
S009A	1/29/1988	N	54.28	17.62	
S009A	7/21/1988	N	53.66	18.24	
S009A	2/7/1989	N	53.9	18	
S009A	8/23/1989	N	51.06	20.84	
S009A	1/22/1990	N	52.54	19.36	
S009A	4/9/1990	N	51.89	20.01	
S009A	7/9/1990	N	51.74	20.16	
S009A	10/8/1990	N	50.44	21.46	
S009A	1/7/1991	N	52.73	19.17	
S009A	4/8/1991	N	54.94	16.96	
S009A	7/8/1991	N	51.78	20.12	
S009A	10/7/1991	N	50.73	21.17	
S009A	1/6/1992	N	53.02	18.88	
S009A	4/6/1992	N	55.1	16.8	
S009A	7/6/1992	N	52.23	19.67	
S009A	10/7/1992	N	51.05	20.85	
S009A	1/4/1993	N	54.35	17.55	
S009A	4/5/1993	N	56.42	15.48	
S009A	7/6/1993	N	53.8	18.1	
S009A	10/4/1993	N	52.8	19.1	
S009A	1/3/1994	N	53.74	18.16	
S009A	7/5/1994	N	53.47	18.43	
S009A	4/28/1995	N	57.53	14.37	
S009A	10/5/1995	N	54.58	17.32	
S009A	4/1/1996	N	54.92	13.6	
S009A	10/7/1996	N	53.59	14.93	
S009A	12/13/1996	N	54.57	13.95	
S009A	4/7/1997	N	55.61	12.91	
S009A	10/13/1997	N	55.42	13.1	
S009A	4/20/1998	N	58.19	10.33	
S009A	10/2/1998	N	56.9	11.62	
S009A	4/27/1999	N	57.68	10.84	
S009A	10/12/1999	N	56.74	11.79	
S009A	4/13/2000	N	57.63	10.89	
S009A	10/5/2000	N	56.29	12.23	
S009A	4/10/2001	N	57.59	10.93	
S009A	10/9/2001	N	56.01	12.51	68.52
S009A	4/4/2002	N	56.81	11.71	68.52
S009A	10/10/2002	N	55.43	13.09	68.52
S009A	10/2/2003	N	55.96	12.56	68.52
S009A	10/6/2004	N	55.27	13.25	68.52
S009A	10/4/2005	N	56.31	12.21	68.52
S009B1	8/26/1985	N	48.27	23.41	
S009B1	11/21/1985	N	47.68	24	
S009B1	2/20/1986	N	48.87	22.81	
S009B1	5/8/1986	N	50.68	21	

Notes:

APPENDIX A
HISTORICAL GROUNDWATER ELEVATIONS
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S009B1	8/19/1986	N	58.48	13.2	
S009B1	11/3/1986	N	48.56	23.12	
S009B1	3/2/1987	N	47.91	23.77	
S009B1	1/22/1988	N	47.7	23.98	
S009B1	2/7/1989	N	62.1	9.58	
S009B1	1/22/1990	N	43.09	28.59	
S009B1	4/9/1990	N	43.05	28.63	
S009B1	7/9/1990	N	43.29	28.39	
S009B1	10/8/1990	N	42.27	29.41	
S009B1	1/7/1991	N	42.51	29.17	
S009B1	4/8/1991	N	44.32	27.36	
S009B1	7/8/1991	N	43.2	28.48	
S009B1	10/7/1991	N	42.52	29.16	
S009B1	1/6/1992	N	43.01	28.67	
S009B1	4/6/1992	N	45.93	25.75	
S009B1	7/6/1992	N	44.84	26.84	
S009B1	10/7/1992	N	44.12	27.56	
S009B1	1/4/1993	N	45.05	26.63	
S009B1	4/5/1993	N	48.93	22.75	
S009B1	7/6/1993	N	48.44	23.24	
S009B1	10/4/1993	N	47.63	24.05	
S009B1	1/3/1994	N	48.59	23.09	
S009B1	7/5/1994	N	49.93	21.75	
S009B1	4/28/1995	N	54.87	16.81	
S009B1	10/5/1995	N	55.32	16.36	
S009B1	4/1/1996	N	54.24	14.08	
S009B1	10/7/1996	N	53.9	14.42	
S009B1	12/13/1996	N	54.84	13.48	
S009B1	4/7/1997	N	56.61	11.71	
S009B1	10/13/1997	N	56.79	11.53	
S009B1	4/20/1998	N	60.47	7.85	
S009B1	10/2/1998	N	59.61	8.71	
S009B1	4/27/1999	N	60.63	7.69	
S009B1	10/12/1999	N	59.26	9.06	
S009B1	4/13/2000	N	59.93	8.44	
S009B1	10/5/2000	N	58.55	9.82	
S009B1	4/10/2001	N	59.68	8.69	
S009B1	10/9/2001	N	58.13	10.24	68.37
S009B1	4/4/2002	N	58.71	9.66	68.37
S009B1	10/10/2002	N	57.72	10.65	68.37
S009B1	10/2/2003	N	58.24	10.13	68.37
S009B1	10/6/2004	N	57.41	10.96	68.37
S009B1	10/4/2005	N	58.68	9.69	68.37
S010A	8/26/1985	N	54.13	18.27	
S010A	11/21/1985	N	54.3	18.1	
S010A	2/20/1986	N	58.83	13.57	
S010A	5/8/1986	N	57.5	14.9	
S010A	8/26/1986	N	55.25	17.15	
S010A	11/7/1986	N	54.24	18.16	
S010A	3/3/1987	N	53.65	18.75	
S010A	6/2/1987	N	52.94	19.46	
S010A	1/22/1990	Y			

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATIONS
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S010A	4/9/1990	Y			
S010A	7/9/1990	Y			
S010A	10/8/1990	Y			
S010A	1/7/1991	Y			
S010A	4/8/1991	N	53.91	18.49	
S010A	7/8/1991	Y			
S010A	10/7/1991	Y			
S010A	1/6/1992	Y			
S010A	4/6/1992	Y			
S010A	7/6/1992	Y			
S010A	10/7/1992	Y			
S010A	1/4/1993	Y			
S010A	4/5/1993	N	55.45	16.95	
S010A	7/6/1993	Y			
S010A	10/4/1993	Y			
S010A	1/3/1994	Y			
S010A	7/5/1994	Y			
S010A	4/28/1995	N	56.68	15.72	
S010A	10/5/1995	Y			
S010A	4/1/1996	N	54.78	15.28	
S010A	10/7/1996	Y			
S010A	12/13/1996	N	54.76	15.3	
S010A	4/7/1997	N	55.88	14.18	
S010A	10/13/1997	N	55.61	14.45	
S010A	4/20/1998	N	58.58	11.48	
S010A	10/2/1998	N	57.16	12.9	
S010A	4/27/1999	N	58.05	12.01	
S010A	10/12/1999	N	57.03	13.04	
S010A	4/13/2000	N	57.96	12.1	
S010A	10/5/2000	N	56.54	13.52	
S010A	4/10/2001	N	57.93	12.13	
S010A	10/9/2001	N	56.29	13.77	70.06
S010A	4/4/2002	N	57.08	12.98	70.06
S010A	10/10/2002	N	55.69	14.37	70.06
S010A	10/2/2003	U			70.06
S010A	10/6/2004	U			70.06
S010A	10/4/2005	U		13.45	70.06
S010B1	8/26/1985	N	50.2	22.61	
S010B1	11/21/1985	N	49.38	23.43	
S010B1	2/20/1986	N	51.85	20.96	
S010B1	5/8/1986	N	52.95	19.86	
S010B1	8/15/1986	N	50.81	22	
S010B1	11/3/1986	N	50.64	22.17	
S010B1	3/2/1987	N	49.87	22.94	
S010B1	4/21/1988	N	48.87	23.94	
S010B1	2/7/1989	N	47.71	25.1	
S010B1	1/22/1990	N	44.83	27.98	
S010B1	4/9/1990	N	44.78	28.03	
S010B1	7/9/1990	N	44.98	27.83	
S010B1	10/8/1990	N	43.74	29.07	
S010B1	1/7/1991	N	44.7	28.11	
S010B1	4/8/1991	N	47	25.81	

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APPENDIX A
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Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S010B1	7/8/1991	N	45.19	27.62	
S010B1	10/7/1991	N	44.29	28.52	
S010B1	1/6/1992	N	45.22	27.59	
S010B1	4/6/1992	N	48.29	24.52	
S010B1	7/6/1992	N	46.48	26.33	
S010B1	10/7/1992	N	45.71	27.1	
S010B1	1/4/1993	N	47.16	25.65	
S010B1	4/5/1993	N	50.76	22.05	
S010B1	7/6/1993	N	49.54	23.27	
S010B1	10/4/1993	N	48.71	24.1	
S010B1	1/3/1994	N	49.51	23.3	
S010B1	7/5/1994	N	50.47	22.34	
S010B1	4/28/1995	N	54.83	17.98	
S010B1	10/5/1995	N	54.13	18.68	
S010B1	4/1/1996	N	55.59	14.52	
S010B1	10/7/1996	N	53.86	16.25	
S010B1	12/13/1996	N	55.09	15.02	
S010B1	4/7/1997	N	56.48	13.63	
S010B1	10/13/1997	N	56.61	13.5	
S010B1	4/20/1998	N	60.11	10	
S010B1	10/2/1998	N	59.16	10.95	
S010B1	4/27/1999	N	59.98	10.13	
S010B1	10/12/1999	N	58.88	11.24	
S010B1	4/13/2000	N	59.54	10.57	
S010B1	10/5/2000	N	58.21	11.9	
S010B1	4/10/2001	N	59.36	10.75	
S010B1	10/9/2001	N	57.83	12.28	70.11
S010B1	4/4/2002	N	58.44	11.67	70.11
S010B1	10/10/2002	N	57.38	12.73	70.11
S010B1	10/2/2003	U			70.11
S010B1	10/6/2004	U			70.11
S010B1	10/4/2005	U		11.84	70.11
S035A	8/26/1985	N	54.23	19.48	
S035A	11/21/1985	N	54.43	19.28	
S035A	2/20/1986	N	59.08	14.63	
S035A	5/9/1986	N	57.57	16.14	
S035A	8/27/1986	N	55.33	18.38	
S035A	11/4/1986	N	54.66	19.05	
S035A	3/4/1987	N	53.84	19.87	
S035A	6/1/1987	N	53.06	20.65	
S035A	11/18/1987	N	53.37	20.34	
S035A	1/29/1988	N	54.26	19.45	
S035A	4/21/1988	N	53.54	20.17	
S035A	8/29/1988	N	53.54	20.17	
S035A	11/1/1988	N	52.25	21.46	
S035A	2/7/1989	N	53.59	20.12	
S035A	4/18/1989	N	52.7	21.01	
S035A	8/23/1989	N	50.95	22.76	
S035A	10/13/1989	N	51.26	22.45	
S035A	1/24/1990	N	52.13	21.58	
S035A	4/9/1990	N	51.91	21.8	
S035A	7/9/1990	N	51.74	21.97	

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740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S035A	10/8/1990	N	50.47	23.24	
S035A	1/7/1991	N	52.85	20.86	
S035A	4/8/1991	N	54.94	18.77	
S035A	7/8/1991	N	51.81	21.9	
S035A	10/7/1991	N	50.71	23	
S035A	1/6/1992	N	52.37	21.34	
S035A	4/6/1992	N	55.19	18.52	
S035A	7/6/1992	N	52.3	21.41	
S035A	10/9/1992	N	51.06	22.65	
S035A	1/4/1993	N	54.23	19.48	
S035A	4/5/1993	N	56.57	17.14	
S035A	7/6/1993	N	53.84	19.87	
S035A	10/4/1993	N	52.77	20.94	
S035A	1/3/1994	N	53.75	19.96	
S035A	7/5/1994	N	53.61	20.1	
S035A	4/28/1995	N	57.85	15.86	
S035A	10/5/1995	N	55.71	18	
S035A	4/1/1996	N	55.78	14.55	
S035A	10/7/1996	N	53.9	16.43	
S035A	12/13/1996	N	55.16	15.17	
S035A	4/7/1997	N	56.17	14.16	
S035A	10/13/1997	N	55.91	14.42	
S035A	4/20/1998	N	59.08	11.25	
S035A	10/2/1998	N	57.55	12.78	
S035A	4/27/1999	N	58.48	11.85	
S035A	10/12/1999	N	57.39	12.95	
S035A	4/13/2000	N	58.45	11.88	
S035A	10/5/2000	N	56.88	13.45	
S035A	4/10/2001	N	58.35	11.98	
S035A	10/9/2001	N	56.2	14.13	70.33
S035A	4/4/2002	N	57.01	13.32	70.33
S035A	10/10/2002	N	55.61	14.72	70.33
S035A	10/2/2003	N	56.13	14.2	70.33
S035A	10/6/2004	N	55.39	14.94	70.33
S035A	10/4/2005	N	56.52	13.81	70.33
S035A2	8/26/1985	N	54.23	19.48	
S035A2	11/21/1985	N	54.43	19.28	
S035A2	2/20/1986	N	59.08	14.63	
S035A2	5/9/1986	N	57.57	16.14	
S035A2	8/27/1986	N	55.33	18.38	
S035A2	11/4/1986	N	54.66	19.05	
S035A2	3/4/1987	N	53.84	19.87	
S035A2	6/1/1987	N	53.06	20.65	
S035A2	11/18/1987	N	53.37	20.34	
S035A2	1/29/1988	N	54.26	19.45	
S035A2	4/21/1988	N	53.54	20.17	
S035A2	8/29/1988	N	53.54	20.17	
S035A2	11/1/1988	N	52.25	21.46	
S035A2	2/7/1989	N	53.59	20.12	
S035A2	4/18/1989	N	52.7	21.01	
S035A2	8/23/1989	N	50.95	22.76	
S035A2	10/13/1989	N	51.26	22.45	

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Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S035A2	1/24/1990	N	51.11	22.32	
S035A2	4/9/1990	N	51.31	22.12	
S035A2	7/9/1990	N	51.6	21.83	
S035A2	10/8/1990	N	50.13	23.3	
S035A2	1/7/1991	N	52.34	21.09	
S035A2	4/8/1991	N	54.44	18.99	
S035A2	7/8/1991	N	51.54	21.89	
S035A2	10/7/1991	N	50.07	23.36	
S035A2	1/6/1992	N	52.19	21.24	
S035A2	4/6/1992	N	54.96	18.47	
S035A2	7/6/1992	N	51.97	21.46	
S035A2	10/7/1992	N	50.33	23.1	
S035A2	1/4/1993	N	53.23	20.2	
S035A2	4/5/1993	N	56.42	17.01	
S035A2	7/6/1993	N	51.99	21.44	
S035A2	10/4/1993	N	49.37	24.06	
S035A2	1/3/1994	N	50.3	23.13	
S035A2	7/5/1994	N	53.1	20.33	
S035A2	4/28/1995	N	57.69	15.74	
S035A2	10/5/1995	N	55.61	17.82	
S035A2	4/1/1996	N	55.63	14.47	
S035A2	10/7/1996	N	53	17.1	
S035A2	12/13/1996	N	53.9	16.2	
S035A2	4/7/1997	N	55.6	14.5	
S035A2	10/13/1997	N	55.23	14.87	
S035A2	4/20/1998	N	59.1	11	
S035A2	10/2/1998	N	57.47	12.63	
S035A2	4/27/1999	N	58.51	11.59	
S035A2	10/12/1999	N	57.28	12.83	
S035A2	4/13/2000	N	58.39	11.71	
S035A2	10/5/2000	N	56.73	13.37	
S035A2	4/10/2001	N	58.01	12.39	
S035A2	10/9/2001	N	55.97	14.13	70.1
S035A2	4/4/2002	N	56.52	13.58	70.1
S035A2	10/10/2002	N	55.42	14.68	70.1
S035A2	10/2/2003	N	55.94	14.16	70.1
S035A2	10/6/2004	N	55.15	14.95	70.1
S035A2	10/4/2005	N	56.33	13.77	70.1
S036A	11/22/1985	N	53.04	18.44	
S036A	2/20/1986	N	57.04	14.44	
S036A	5/9/1986	N	56.06	15.42	
S036A	8/27/1986	N	54.32	17.16	
S036A	11/4/1986	N	53.65	17.83	
S036A	3/4/1987	N	53.23	18.25	
S036A	6/2/1987	N	52.47	19.01	
S036A	8/18/1987	N	51.99	19.49	
S036A	11/10/1987	N	52.62	18.86	
S036A	1/29/1988	N	53.56	17.92	
S036A	4/21/1988	N	53.34	18.14	
S036A	8/29/1988	N	53.34	18.14	
S036A	11/1/1988	N	52.18	19.3	
S036A	2/7/1989	N	53.37	18.11	

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PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S036A	4/18/1989	N	52.5	18.98	
S036A	8/23/1989	N	50.94	20.54	
S036A	10/13/1989	N	51.16	20.32	
S036A	1/22/1990	N	52.31	19.17	
S036A	4/9/1990	N	51.79	19.69	
S036A	7/9/1990	N	51.73	19.75	
S036A	10/8/1990	N	50.55	20.93	
S036A	1/7/1991	N	52.5	18.98	
S036A	4/8/1991	N	54.16	17.32	
S036A	7/8/1991	N	51.37	20.11	
S036A	10/7/1991	N	51.31	20.17	
S036A	1/6/1992	N	52.56	18.92	
S036A	4/6/1992	N	54.24	17.24	
S036A	7/6/1992	N	52.02	19.46	
S036A	10/7/1992	N	50.93	20.55	
S036A	1/4/1993	N	53.38	18.1	
S036A	4/5/1993	N	55.27	16.21	
S036A	7/6/1993	N	53.22	18.26	
S036A	10/4/1993	N	52.35	19.13	
S036A	1/3/1994	N	53.36	18.12	
S036A	7/5/1994	N	52.81	18.67	
S036A	4/28/1995	N	56.29	15.19	
S036A	10/5/1995	N	54.73	16.75	
S036A	4/1/1996	N	53.84	14.27	
S036A	10/7/1996	N	52.66	15.45	
S036A	12/13/1996	N	53.48	14.63	
S036A	4/7/1997	N	54.49	13.62	
S036A	10/13/1997	N	54.11	14	
S036A	4/20/1998	N	56.31	11.8	
S036A	10/2/1998	N	55.45	12.66	
S036A	4/27/1999	N	56.03	12.08	
S036A	10/12/1999	N	55.4	12.72	
S036A	4/13/2000	N	55.74	12.37	
S036A	10/5/2000	N	54.89	13.22	
S036A	4/10/2001	N	55.82	12.29	
S036A	10/9/2001	N	54.77	13.34	68.11
S036A	4/4/2002	N	55.23	12.88	68.11
S036A	10/10/2002	N	54.02	14.09	68.11
S036A	10/2/2003	N	54.6	13.51	68.11
S036A	10/6/2004	N	53.97	14.14	68.11
S036A	10/4/2005	N	55.14	12.97	68.11
S036B1	8/27/1985	N	47.94	23.5	
S036B1	11/22/1985	N	47.44	24	
S036B1	5/8/1986	N	50.43	21.01	
S036B1	8/19/1986	N	48.44	23	
S036B1	11/3/1986	N	48.46	22.98	
S036B1	3/2/1987	N	47.77	23.67	
S036B1	1/22/1988	N	47.41	24.03	
S036B1	2/7/1989	N	44.72	26.72	
S036B1	1/22/1990	N	42.71	28.73	
S036B1	4/9/1990	N	42.7	28.74	
S036B1	7/9/1990	N	42.92	28.52	

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PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S036B1	10/8/1990	N	42	29.44	
S036B1	1/7/1991	N	42.22	29.22	
S036B1	4/8/1991	N	44.04	27.4	
S036B1	7/8/1991	N	42.89	28.55	
S036B1	10/7/1991	N	42.27	29.17	
S036B1	1/6/1992	N	42.65	28.79	
S036B1	4/6/1992	N	45.6	25.84	
S036B1	7/6/1992	N	44.52	26.92	
S036B1	10/7/1992	N	43.78	27.66	
S036B1	1/4/1993	N	44.86	26.58	
S036B1	4/5/1993	N	48.65	22.79	
S036B1	7/6/1993	N	48.12	23.32	
S036B1	10/4/1993	N	47.39	24.05	
S036B1	1/3/1994	N	48.26	23.18	
S036B1	7/5/1994	N	49.44	22	
S036B1	4/28/1995	N	54.22	17.22	
S036B1	10/5/1995	N	53.63	17.81	
S036B1	4/1/1996	N	53.39	14.62	
S036B1	10/7/1996	N	52.99	15.02	
S036B1	12/13/1996	N	54.06	13.95	
S036B1	4/7/1997	N	55.62	12.39	
S036B1	10/13/1997	N	55.83	12.18	
S036B1	4/20/1998	N	59.51	8.5	
S036B1	10/2/1998	N	58.69	9.32	
S036B1	4/27/1999	N	59.63	8.38	
S036B1	10/12/1999	N	58.33	9.68	
S036B1	4/13/2000	N	58.91	9.12	
S036B1	10/5/2000	N	57.59	10.44	
S036B1	4/10/2001	N	58.67	9.36	
S036B1	10/9/2001	N	57.18	10.85	68.03
S036B1	4/4/2002	N	57.78	10.25	68.03
S036B1	10/10/2002	N	56.81	11.22	68.03
S036B1	10/2/2003	N	57.33	10.7	68.03
S036B1	10/6/2004	N	56.52	11.51	68.03
S036B1	10/4/2005	N	57.73	10.3	68.03
S037A	8/27/1985	N	53.56	18.71	
S037A	11/22/1985	N	53.46	18.81	
S037A	2/20/1986	N	56.15	16.12	
S037A	5/9/1986	N	55.99	16.28	
S037A	8/27/1986	N	54.32	17.95	
S037A	11/7/1986	N	53.54	18.73	
S037A	3/3/1987	N	53.27	19	
S037A	6/2/1987	N	52.47	19.8	
S037A	8/18/1987	N	52.5	19.77	
S037A	11/10/1987	N	52.48	19.79	
S037A	1/29/1988	N	52.5	19.77	
S037A	4/22/1988	N	52.48	19.79	
S037A	8/29/1988	N	53.62	18.65	
S037A	11/1/1988	N	53.1	19.17	
S037A	2/7/1989	N	53.1	19.17	
S037A	4/18/1989	N	51.91	20.36	
S037A	8/23/1989	N	52.96	19.31	

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740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S037A	10/13/1989	N	52.29	19.98	
S037A	1/22/1990	N	51.84	20.43	
S037A	4/9/1990	N	51.61	20.66	
S037A	7/9/1990	N	51.53	20.74	
S037A	10/8/1990	N	50.31	21.96	
S037A	1/7/1991	N	52.71	19.56	
S037A	4/8/1991	N	54.06	18.21	
S037A	7/8/1991	N	51.49	20.78	
S037A	10/7/1991	N	50.56	21.71	
S037A	1/6/1992	N	52.1	20.17	
S037A	4/6/1992	N	54.27	18	
S037A	7/6/1992	N	52.04	20.23	
S037A	10/7/1992	N	50.87	21.4	
S037A	1/4/1993	N	53.4	18.87	
S037A	4/5/1993	N	55.07	17.2	
S037A	7/6/1993	N	53.43	18.84	
S037A	10/4/1993	N	52.5	19.77	
S037A	1/3/1994	N	53.35	18.92	
S037A	7/5/1994	N	53.12	19.15	
S037A	4/28/1995	N	55.99	16.28	
S037A	10/5/1995	N	54.59	17.68	
S037A	4/1/1996	N	53.52	15.35	
S037A	10/7/1996	N	52.32	16.55	
S037A	12/13/1996	N	52.87	16	
S037A	4/7/1997	N	54.29	14.58	
S037A	10/13/1997	N	53.95	14.92	
S037A	4/20/1998	N	56.72	12.15	
S037A	10/2/1998	N	55.62	13.25	
S037A	4/27/1999	N	56.2	12.67	
S037A	10/12/1999	N	55.37	13.51	
S037A	4/13/2000	N	55.99	13	
S037A	10/5/2000	N	54.87	14.12	
S037A	4/10/2001	N	55.82	13.17	
S037A	10/9/2001	N	54.77	14.22	68.99
S037A	4/4/2002	N	55.18	13.81	68.99
S037A	10/10/2002	N	54.29	14.7	68.99
S037A	10/2/2003	N	54.69	14.3	68.99
S037A	10/6/2004	N	54.06	14.93	68.99
S037A	10/4/2005	N	54.97	14.02	68.99
S037B1	11/22/1985	N	52.19	19.91	
S037B1	2/20/1986	N	54.45	17.65	
S037B1	5/9/1986	N	55.34	16.76	
S037B1	8/27/1986	N	53.36	18.74	
S037B1	11/7/1986	N	52	20.1	
S037B1	3/3/1987	N	50.83	21.27	
S037B1	6/2/1987	N	50.47	21.63	
S037B1	8/18/1987	N	50.4	21.7	
S037B1	11/10/1987	N	49.65	22.45	
S037B1	1/29/1988	N	50.92	21.18	
S037B1	4/22/1988	N	50.12	21.98	
S037B1	8/29/1988	N	50.12	21.98	
S037B1	11/1/1988	N	46.4	25.7	

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740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S037B1	2/7/1989	N	47.05	25.05	
S037B1	4/18/1989	N	46.5	25.6	
S037B1	8/23/1989	N	44.68	27.42	
S037B1	10/13/1989	N	44.58	27.52	
S037B1	1/22/1990	N	44.42	27.68	
S037B1	4/9/1990	N	44.33	27.77	
S037B1	7/9/1990	N	44.43	27.67	
S037B1	10/8/1990	N	43.32	28.78	
S037B1	1/7/1991	N	43.76	28.34	
S037B1	4/8/1991	N	45.53	26.57	
S037B1	7/8/1991	N	44.24	27.86	
S037B1	10/7/1991	N	43.57	28.53	
S037B1	1/6/1992	N	44.1	28	
S037B1	4/6/1992	N	47.39	24.71	
S037B1	7/6/1992	N	46.05	26.05	
S037B1	10/7/1992	N	42.58	29.52	
S037B1	1/4/1993	N	45.93	26.17	
S037B1	4/5/1993	N	50.29	21.81	
S037B1	7/6/1993	N	49.17	22.93	
S037B1	10/4/1993	N	48.12	23.98	
S037B1	1/3/1994	N	49.04	23.06	
S037B1	7/5/1994	N	50.08	22.02	
S037B1	4/28/1995	N	55.15	16.95	
S037B1	10/5/1995	N	54.17	17.93	
S037B1	4/1/1996	N	53.49	15.18	
S037B1	10/7/1996	N	52.47	16.2	
S037B1	12/13/1996	N	54.17	14.5	
S037B1	4/7/1997	N	54.67	14	
S037B1	10/13/1997	N	54.32	14.35	
S037B1	4/20/1998	N	57.47	11.2	
S037B1	10/2/1998	N	56.2	12.47	
S037B1	4/27/1999	N	56.97	11.7	
S037B1	10/12/1999	N	56.01	12.67	
S037B1	4/13/2000	N	56.77	12.02	
S037B1	10/5/2000	N	55.86	12.93	
S037B1	4/10/2001	N	56.6	12.19	
S037B1	10/9/2001	N	55.42	13.37	68.79
S037B1	4/4/2002	N	55.84	12.95	68.79
S037B1	10/10/2002	N	54.98	13.81	68.79
S037B1	10/2/2003	N	55.41	13.38	68.79
S037B1	10/6/2004	N	54.76	14.03	68.79
S037B1	10/4/2005	N	55.88	12.91	68.79
S066A	4/9/1990	Y			
S066A	7/9/1990	N	51.75	20.54	
S066A	10/8/1990	N	50.61	21.68	
S066A	1/7/1991	N	52.43	19.86	
S066A	4/8/1991	N	50.35	21.94	
S066A	7/8/1991	N	51.66	20.63	
S066A	10/7/1991	N	50.75	21.54	
S066A	1/6/1992	N	50.42	21.87	
S066A	4/6/1992	N	54.4	17.89	
S066A	7/6/1992	N	52.22	20.07	

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Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S066A	10/7/1992	N	51.03	21.26	
S066A	1/4/1993	N	53.56	18.73	
S066A	4/5/1993	N	55.46	16.83	
S066A	7/6/1993	N	53.51	18.78	
S066A	10/4/1993	N	52.24	20.05	
S066A	1/3/1994	N	53.47	18.82	
S066A	7/5/1994	N	52.85	19.44	
S066A	4/28/1995	N	50.47	21.82	
S066A	10/5/1995	N	53.11	19.18	
S066A	4/1/1996	N	53.66	15.19	
S066A	10/7/1996	N	52.85	16	
S066A	12/13/1996	N	49.43	19.42	
S066A	4/7/1997	N	52.54	16.31	
S066A	10/13/1997	N	51.1	17.75	
S066A	4/20/1998	N	52.97	15.88	
S066A	10/2/1998	N	51.76	17.09	
S066A	4/27/1999	N	53.93	14.92	
S066A	10/12/1999	N	54.44	14.42	
S066A	4/13/2000	N	50.69	18.16	
S066A	10/5/2000	N	50.15	18.7	
S066A	4/10/2001	N	52.55	16.3	
S066A	10/9/2001	N	51.75	17.1	68.85
S066A	4/4/2002	N	49.74	19.11	68.85
S066A	10/10/2002	N	49.69	19.16	68.85
S066A	10/2/2003	N	50.05	18.8	68.85
S066A	10/6/2004	N	45.73	23.12	68.85
S066A	10/4/2005	N	55.34	13.51	68.85
S066B1	4/9/1990	N	31.69	40.59	
S066B1	7/9/1990	N	28.57	43.71	
S066B1	10/8/1990	N	26.94	45.34	
S066B1	1/7/1991	N	26.79	45.49	
S066B1	4/8/1991	N	29.02	43.26	
S066B1	7/8/1991	N	30.88	41.4	
S066B1	10/7/1991	N	31.64	40.64	
S066B1	1/6/1992	N	28.31	43.97	
S066B1	4/6/1992	N	27.07	45.21	
S066B1	7/6/1992	N	31.76	40.52	
S066B1	10/7/1992	N	31.13	41.15	
S066B1	1/4/1993	N	44.79	27.49	
S066B1	4/5/1993	N	48.68	23.6	
S066B1	7/6/1993	N	47.85	24.43	
S066B1	10/4/1993	N	45.48	26.8	
S066B1	1/3/1994	N	48.1	24.18	
S066B1	7/5/1994	N	26.98	45.3	
S066B1	4/28/1995	N	34.53	37.75	
S066B1	10/5/1995	N	35.75	36.53	
S066B1	4/1/1996	N	25.5	43.39	
S066B1	10/7/1996	N	30.99	37.9	
S066B1	12/13/1996	N	36.69	32.2	
S066B1	4/7/1997	Y			
S066B1	10/13/1997	N	54.79	14.1	
S066B1	4/20/1998	N	59.49	9.4	

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Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S066B1	10/2/1998	N	58.79	10.1	
S066B1	4/27/1999	N	59.7	9.19	
S066B1	10/12/1999	N	58.4	10.5	
S066B1	4/13/2000	N	59.06	9.83	
S066B1	10/5/2000	N	57.71	11.18	
S066B1	4/10/2001	N	58.83	10.06	
S066B1	10/9/2001	N	57.35	11.54	68.89
S066B1	4/4/2002	N	57.93	10.96	68.89
S066B1	10/10/2002	N	56.97	11.92	68.89
S066B1	10/2/2003	N	57.46	11.43	68.89
S066B1	10/6/2004	N	56.68	12.21	68.89
S066B1	10/4/2005	N	57.88	11.01	68.89
S102A	3/3/1987	N	51.76	16.83	
S102A	8/19/1987	N	51.18	17.41	
S102A	11/10/1987	N	51.16	17.43	
S102A	1/29/1988	N	52.24	16.35	
S102A	4/22/1988	N	52.06	16.53	
S102A	7/22/1988	N	52.06	16.53	
S102A	11/3/1988	N	50.75	17.84	
S102A	2/8/1989	N	51.18	17.41	
S102A	5/3/1989	N	51.24	17.35	
S102A	8/18/1989	N	50.28	18.31	
S102A	10/23/1989	N	50.3	18.29	
S102A	1/22/1990	N	50.68	17.91	
S102A	4/9/1990	N	50.75	17.84	
S102A	7/9/1990	N	50.53	18.06	
S102A	10/8/1990	N	49.69	18.9	
S102A	1/7/1991	N	51.21	17.38	
S102A	4/8/1991	N	52.87	15.72	
S102A	7/8/1991	N	50.67	17.92	
S102A	10/7/1991	N	49.77	18.82	
S102A	1/6/1992	N	50.61	17.98	
S102A	4/6/1992	N	52.75	15.84	
S102A	7/6/1992	N	50.32	18.27	
S102A	10/7/1992	N	49.96	18.63	
S102A	1/4/1993	N	51.95	16.64	
S102A	4/5/1993	N	52.58	16.01	
S102A	7/6/1993	N	51.8	16.79	
S102A	10/4/1993	N	50.44	18.15	
S102A	1/3/1994	N	50.98	17.61	
S102A	7/5/1994	N	51.09	17.5	
S102A	4/28/1995	N	54.08	14.51	
S102A	10/5/1995	N	52.97	15.62	
S102A	4/1/1996	N	51.54	13.64	
S102A	10/7/1996	N	51.16	14.02	
S102A	4/7/1997	N	52.57	12.61	
S102A	10/13/1997	N	53.18	12	
S102A	4/20/1998	N	54.73	10.45	
S102A	10/2/1998	N	54.76	10.42	
S102A	4/27/1999	N	55.02	10.16	
S102A	10/12/1999	N	54.35	10.84	
S102A	4/13/2000	N	54.77	10.41	

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Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S102A	10/5/2000	N	54.01	11.17	
S102A	4/10/2001	N	54.67	10.51	
S102A	10/9/2001	N	53.98	11.2	65.18
S102A	4/4/2002	N	54.22	10.96	65.18
S102A	10/10/2002	N	53.54	11.64	65.18
S102A	10/2/2003	N	53.84	11.34	65.18
S102A	10/6/2004	N	52.87	12.31	65.18
S102A	10/4/2005	N	54.13	11.05	65.18
S102B1	3/3/1987	N	47.84	20.87	
S102B1	1/19/1988	N	47.52	21.19	
S102B1	2/9/1989	N	45.18	23.53	
S102B1	1/22/1990	N	42.73	25.98	
S102B1	4/9/1990	N	42.8	25.91	
S102B1	7/9/1990	N	42.94	25.77	
S102B1	10/8/1990	N	42.02	26.69	
S102B1	1/7/1991	N	41.99	26.72	
S102B1	4/8/1991	N	43.39	25.32	
S102B1	7/8/1991	N	43.29	25.42	
S102B1	10/7/1991	N	42.28	26.43	
S102B1	1/6/1992	N	46.45	22.26	
S102B1	4/6/1992	N	45.71	23	
S102B1	7/6/1992	N	44.61	24.1	
S102B1	10/7/1992	N	43.93	24.78	
S102B1	1/4/1993	N	44.59	24.12	
S102B1	4/5/1993	N	48.6	20.11	
S102B1	7/6/1993	N	48.04	20.67	
S102B1	10/4/1993	N	47.31	21.4	
S102B1	1/3/1994	N	48.01	20.7	
S102B1	7/5/1994	N	49.46	19.25	
S102B1	4/28/1995	N	54.34	14.37	
S102B1	10/5/1995	N	53.7	15.01	
S102B1	4/1/1996	N	53.42	11.9	
S102B1	10/7/1996	N	52.92	12.4	
S102B1	4/7/1997	N	55.65	9.67	
S102B1	10/13/1997	N	55.6	9.72	
S102B1	4/20/1998	N	59.02	6.3	
S102B1	10/2/1998	N	58.15	7.17	
S102B1	4/27/1999	N	59.04	6.28	
S102B1	10/12/1999	N	57.79	7.53	
S102B1	4/13/2000	N	58.06	7.26	
S102B1	10/5/2000	N	57.19	8.13	
S102B1	4/10/2001	N	58.25	7.07	
S102B1	10/9/2001	N	57.34	7.98	65.32
S102B1	4/4/2002	N	57.46	7.86	65.32
S102B1	10/10/2002	N	56.46	8.86	65.32
S102B1	10/2/2003	N	56.95	8.37	65.32
S102B1	10/6/2004	N	56.18	9.14	65.32
S102B1	10/4/2005	N	57.5	7.82	65.32
S103A	3/3/1987	N	49.92	17.93	
S103A	8/18/1987	N	49.06	18.79	
S103A	1/29/1988	N	48.73	19.12	

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Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S103A	7/22/1988	N	48.2	19.65	
S103A	2/12/1989	N	46.22	21.63	
S103A	8/18/1989	N	44.21	23.64	
S103A	1/22/1990	N	43.32	24.53	
S103A	4/9/1990	N	43.47	24.38	
S103A	7/9/1990	N	43.25	24.6	
S103A	10/8/1990	N	42.44	25.41	
S103A	1/7/1991	N	42.57	25.28	
S103A	4/8/1991	N	45.92	21.93	
S103A	7/8/1991	N	43.82	24.03	
S103A	10/7/1991	N	42.75	25.1	
S103A	1/6/1992	N	42.73	25.12	
S103A	4/6/1992	N	46.89	20.96	
S103A	7/6/1992	N	45.25	22.6	
S103A	10/7/1992	N	43.98	23.87	
S103A	1/4/1993	N	45.01	22.84	
S103A	4/5/1993	N	50.27	17.58	
S103A	7/6/1993	N	48.28	19.57	
S103A	10/4/1993	N	47.25	20.6	
S103A	1/3/1994	N	47.98	19.87	
S103A	7/5/1994	N	48.7	19.15	
S103A	4/28/1995	N	53.31	14.54	
S103A	10/5/1995	N	51.75	16.1	
S103A	4/1/1996	N	51.04	13.35	
S103A	10/7/1996	N	50.14	14.25	
S103A	12/13/1996	N	50.97	13.42	
S103A	4/7/1997	N	52.37	12.02	
S103A	10/13/1997	N	51.99	12.4	
S103A	4/20/1998	N	54.48	9.91	
S103A	10/2/1998	N	53.57	10.82	
S103A	4/27/1999	N	54.04	10.35	
S103A	10/12/1999	N	53.35	11.05	
S103A	4/13/2000	N	53.83	10.56	
S103A	10/5/2000	N	52.99	11.4	
S103A	4/10/2001	N	53.85	10.54	
S103A	10/9/2001	N	52.98	11.41	64.39
S103A	4/4/2002	N	53.33	11.06	64.39
S103A	10/10/2002	N	52.68	11.71	64.39
S103A	10/2/2003	N	53.05	11.34	64.39
S103A	10/6/2004	N	52.45	11.94	64.39
S103A	10/4/2005	N	53.41	10.98	64.39
S104A	3/2/1987	N	49.32	18.71	
S104A	1/22/1988	N	48.05	19.98	
S104A	2/9/1989	N	45.3	22.73	
S104A	1/22/1990	N	41.43	26.6	
S104A	4/9/1990	N	41.59	26.44	
S104A	7/9/1990	N	41.12	26.91	
S104A	10/8/1990	N	40.6	27.43	
S104A	1/7/1991	N	40.59	27.44	
S104A	4/8/1991	N	41.99	26.04	
S104A	7/8/1991	N	41.85	26.18	
S104A	10/7/1991	N	41.13	26.9	

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740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S104A	1/6/1992	N	40.67	27.36	
S104A	4/6/1992	N	43.66	24.37	
S104A	7/6/1992	N	42.78	25.25	
S104A	10/7/1992	N	41.61	26.42	
S104A	1/4/1993	N	41.71	26.32	
S104A	4/5/1993	N	48.26	19.77	
S104A	7/6/1993	N	46.83	21.2	
S104A	10/4/1993	N	45.73	22.3	
S104A	1/3/1994	N	46.9	21.13	
S104A	7/5/1994	N	47.66	20.37	
S104A	4/28/1995	N	51.94	16.09	
S104A	10/5/1995	N	50.52	17.51	
S104A	4/1/1996	N	49.63	14.95	
S104A	10/7/1996	N	48.76	15.82	
S104A	12/13/1996	N	47.43	17.15	
S104A	4/7/1997	N	51.12	13.46	
S104A	10/13/1997	N	50.58	14	
S104A	4/20/1998	N	53.1	11.48	
S104A	10/2/1998	N	52.17	12.41	
S104A	4/27/1999	N	52.7	11.88	
S104A	10/12/1999	N	51.98	12.61	
S104A	4/13/2000	Y			
S104A	10/5/2000	Y			
S105A	3/3/1987	N	49.59	18.28	
S105A	1/25/1988	N	48.68	19.19	
S105A	2/9/1989	N	45.86	22.01	
S105A	1/22/1990	N	44.03	23.84	
S105A	4/9/1990	N	43.61	24.26	
S105A	7/9/1990	N	44.7	23.17	
S105A	10/8/1990	N	43.36	24.51	
S105A	1/7/1991	Y			
S105A	4/8/1991	N	43.5	24.37	
S105A	7/8/1991	N	43.4	24.47	
S105A	10/7/1991	Y			
S105A	1/6/1992	Y			
S105A	4/6/1992	N	45.78	22.09	
S105A	7/6/1992	N	44.62	23.25	
S105A	10/7/1992	N	43.37	24.5	
S105A	1/4/1993	N	44.09	23.78	
S105A	4/5/1993	N	48.97	18.9	
S105A	7/6/1993	N	47.74	20.13	
S105A	10/4/1993	N	46.95	20.92	
S105A	1/3/1994	N	47.65	20.22	
S105A	7/5/1994	N	48.29	19.58	
S105A	4/28/1995	N	52.93	14.94	
S105A	10/5/1995	N	51.63	16.24	
S105A	4/1/1996	N	50.76	13.7	
S105A	10/7/1996	N	49.96	14.5	
S105A	12/13/1996	N	50.58	13.88	
S105A	4/7/1997	N	52.18	12.28	
S105A	10/13/1997	N	51.71	12.75	
S105A	4/20/1998	N	54.64	9.82	

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATIONS
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S105A	10/2/1998	N	53.46	11	
S105A	4/27/1999	N	54.05	10.41	
S105A	10/12/1999	N	53.26	11.21	
S105A	4/13/2000	N	53.9	10.56	
S105A	10/5/2000	N	52.86	11.6	
S105A	4/10/2001	N	53.8	10.66	
S105A	10/9/2001	N	52.77	11.69	64.46
S105A	4/4/2002	N	53.2	11.26	64.46
S105A	10/10/2002	N	52.38	12.08	64.46
S105A	10/2/2003	N	52.83	11.63	64.46
S105A	10/6/2004	N	52.22	12.24	64.46
S105A	10/4/2005	N	53.15	11.31	64.46
S106A	3/3/1987	N	49.42	15.75	
S106A	5/29/1987	N	48.53	16.64	
S106A	8/18/1987	N	48.53	16.64	
S106A	1/29/1988	N	47.37	17.8	
S106A	5/13/1988	N	46.99	18.18	
S106A	7/22/1988	N	46.99	18.18	
S106A	11/3/1988	N	44.97	20.2	
S106A	2/12/1989	N	45.77	19.4	
S106A	5/3/1989	N	44.95	20.22	
S106A	8/17/1989	N	43.31	21.86	
S106A	10/20/1989	N	42.87	22.3	
S106A	1/22/1990	N	42.67	22.5	
S106A	4/9/1990	N	42.65	22.52	
S106A	7/9/1990	N	42.43	22.74	
S106A	10/8/1990	N	41.66	23.51	
S106A	1/7/1991	N	41.99	23.18	
S106A	4/8/1991	N	45.55	19.62	
S106A	7/8/1991	N	42.87	22.3	
S106A	10/7/1991	N	42.01	23.16	
S106A	1/6/1992	N	42.26	22.91	
S106A	4/6/1992	N	46.26	18.91	
S106A	7/8/1992	N	44.29	20.88	
S106A	10/7/1992	N	43.27	21.9	
S106A	4/5/1993	N	49.95	15.22	
S106A	7/6/1993	N	47.42	17.75	
S106A	10/4/1993	N	46.38	18.79	
S106A	1/3/1994	N	47.06	18.11	
S106A	7/5/1994	N	47.99	17.18	
S106A	4/28/1995	N	51.93	13.24	
S106A	10/5/1995	N	50.15	15.02	
S106A	4/1/1996	N	49.41	12.25	
S106A	10/7/1996	N	48.47	13.19	
S106A	12/13/1996	N	49.76	11.9	
S106A	4/7/1997	N	50.88	10.78	
S106A	10/13/1997	N	50.46	11.2	
S106A	4/20/1998	N	52.74	8.92	
S106A	10/2/1998	N	51.94	9.72	
S106A	4/27/1999	N	52.28	9.38	
S106A	10/12/1999	N	51.53	10.14	
S106A	4/13/2000	N	51.9	9.76	

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APPENDIX A
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PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S106A	10/5/2000	N	51.34	10.32	
S106A	4/10/2001	N	52.08	9.58	
S106A	10/9/2001	N	51.48	10.18	61.66
S106A	4/4/2002	N			61.66
S106A	4/4/2002	N			61.66
S106A	10/10/2002	N	51.57	10.09	61.66
S106A	10/2/2003	N	51.63	10.03	61.66
S106A	10/6/2004	N	51.09	10.57	61.66
S106A	10/4/2005	N	52.36	9.3	61.66
S107A	3/3/1987	N	50.75	17.35	
S107A	8/17/1987	N	49.49	18.61	
S107A	1/29/1988	N	50.87	17.23	
S107A	7/22/1988	N	50.75	17.35	
S107A	2/12/1989	N	51.43	16.67	
S107A	8/18/1989	N	48.83	19.27	
S107A	1/22/1990	N	51.03	17.07	
S107A	4/9/1990	N	49.84	18.26	
S107A	7/9/1990	N	49.36	18.74	
S107A	10/8/1990	N	47.57	20.53	
S107A	1/7/1991	N	50.46	17.64	
S107A	4/8/1991	N	51.66	16.44	
S107A	7/8/1991	N	49.28	18.82	
S107A	10/7/1991	N	49.4	18.7	
S107A	1/6/1992	N	53.18	14.92	
S107A	4/6/1992	N	51.44	16.66	
S107A	7/6/1992	N	49.4	18.7	
S107A	10/7/1992	N	47.85	20.25	
S107A	1/4/1993	N	52.4	15.7	
S107A	4/5/1993	N	52.58	15.52	
S107A	7/6/1993	N	50.68	17.42	
S107A	10/4/1993	N	49.7	18.4	
S107A	1/3/1994	N	50.75	17.35	
S107A	7/5/1994	N	50.23	17.87	
S107A	4/28/1995	N	54.01	14.09	
S107A	10/5/1995	N	52.55	15.55	
S107A	4/1/1996	N	52.12	12.59	
S107A	10/7/1996	N	50.04	14.67	
S107A	12/13/1996	N	51.41	13.3	
S107A	4/7/1997	N	52.2	12.51	
S107A	10/13/1997	N	52.05	12.66	
S107A	4/20/1998	N	53.21	11.5	
S107A	10/2/1998	N	53.02	11.69	
S107A	4/27/1999	N	53.03	11.68	
S107A	10/12/1999	N	52.79	11.93	
S107A	4/13/2000	N	52.89	11.82	
S107A	10/5/2000	N	52.54	12.17	
S107A	4/10/2001	N	52.87	11.84	
S107A	10/9/2001	N	52.49	12.22	64.71
S107A	4/4/2002	N	52.76	11.95	64.71
S107A	10/10/2002	N	52.32	12.39	64.71
S107A	10/2/2003	N	52.61	12.1	64.71
S107A	10/6/2004	N	52.1	12.61	64.71

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APPENDIX A
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PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S107A	10/4/2005	N	52.64	12.07	64.71
S107B1	4/9/1990	N	41.62	26.43	
S107B1	7/9/1990	N	41.63	26.42	
S107B1	10/8/1990	N	40.81	27.24	
S107B1	1/7/1991	N	40.96	27.09	
S107B1	4/8/1991	N	42.79	25.26	
S107B1	7/8/1991	N	41.74	26.31	
S107B1	10/7/1991	N	41.02	27.03	
S107B1	1/6/1992	N	41.53	26.52	
S107B1	4/6/1992	N	44.24	23.81	
S107B1	7/6/1992	N	43.29	24.76	
S107B1	10/7/1992	N	42.62	25.43	
S107B1	1/4/1993	N	43.33	24.72	
S107B1	4/5/1993	N	46.86	21.19	
S107B1	7/6/1993	N	46.32	21.73	
S107B1	10/4/1993	N	45.64	22.41	
S107B1	1/3/1994	N	46.27	21.78	
S107B1	7/5/1994	N	47.58	20.47	
S107B1	4/28/1995	N	51.98	16.07	
S107B1	10/5/1995	N	51.37	16.68	
S107B1	4/1/1996	N	50.77	13.9	
S107B1	10/7/1996	N	50.24	14.43	
S107B1	12/13/1996	N	51.07	13.6	
S107B1	4/7/1997	N	52.62	12.05	
S107B1	10/13/1997	N	52.55	12.12	
S107B1	4/20/1998	N	55.6	9.07	
S107B1	10/2/1998	N	54.67	10	
S107B1	4/27/1999	N	55.55	9.12	
S107B1	10/12/1999	N	54.53	10.15	
S107B1	4/13/2000	N	54.95	9.77	
S107B1	10/5/2000	N	53.84	10.88	
S107B1	4/10/2001	N	54.89	9.83	
S107B1	10/9/2001	N	53.58	11.14	64.72
S107B1	4/4/2002	N	54.2	10.52	64.72
S107B1	10/10/2002	N	53.36	11.36	64.72
S107B1	10/2/2003	N	53.88	10.84	64.72
S107B1	10/6/2004	N	53.21	11.51	64.72
S107B1	10/4/2005	N	54.3	10.42	64.72
S108A	3/24/1986	N	52.68	10.71	
S108A	3/3/1987	N	48.92	14.47	
S108A	8/14/1987	N	48.33	15.06	
S108A	1/29/1988	N	47.75	15.64	
S108A	7/21/1988	N	47.27	16.12	
S108A	2/9/1989	N	45.86	17.53	
S108A	8/17/1989	N	41.52	21.87	
S108A	1/22/1990	N	43.87	19.52	
S108A	4/9/1990	N	43.66	19.73	
S108A	7/9/1990	N	43.41	19.98	
S108A	10/8/1990	N	43.06	20.33	
S108A	1/7/1991	N	43.6	19.79	
S108A	4/8/1991	N	45.83	17.56	

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740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S108A	7/8/1991	N	43.52	19.87	
S108A	10/7/1991	N	43.18	20.21	
S108A	1/6/1992	N	43.6	19.79	
S108A	4/6/1992	N	46.5	16.89	
S108A	7/6/1992	N	44.35	19.04	
S108A	10/7/1992	N	43.56	19.83	
S108A	1/4/1993	N	45.29	18.1	
S108A	4/5/1993	N	49.45	13.94	
S108A	7/6/1993	N	47.32	16.07	
S108A	10/4/1993	N	46.43	16.96	
S108A	1/3/1994	N	47.23	16.16	
S108A	7/5/1994	N	48.13	15.26	
S108A	4/28/1995	N	51.6	11.79	
S108A	10/5/1995	N	50.31	13.08	
S108A	4/1/1996	N	49.31	10.7	
S108A	10/7/1996	N	48.33	11.68	
S108A	12/13/1996	N	49.41	10.6	
S108A	4/7/1997	N	50.44	9.57	
S108A	10/13/1997	N	50.07	9.94	
S108A	4/20/1998	N	51.95	8.06	
S108A	10/2/1998	N	51.39	8.62	
S108A	4/27/1999	N	51.69	8.32	
S108A	10/12/1999	N	51.31	8.7	
S108A	4/13/2000	N	51.47	8.64	
S108A	10/5/2000	N	50.93	9.18	
S108A	4/10/2001	N	51.57	8.54	
S108A	10/9/2001	N	50.94	9.17	60.11
S108A	4/4/2002	N	51.28	8.83	60.11
S108A	10/10/2002	N	50.84	9.27	60.11
S108A	10/2/2003	N	51.11	9	60.11
S108A	10/6/2004	N	50.62	9.49	60.11
S108A	10/4/2005	N	51.36	8.75	60.11
S108B1	4/9/1990	N	41.09	22.41	
S108B1	7/9/1990	N	41.09	22.41	
S108B1	10/8/1990	N	40.27	23.23	
S108B1	1/7/1991	N	40.47	23.03	
S108B1	4/8/1991	N	42.29	21.21	
S108B1	7/8/1991	N	41.22	22.28	
S108B1	10/7/1991	N	38.52	24.98	
S108B1	1/6/1992	N	40.96	22.54	
S108B1	4/6/1992	N	43.7	19.8	
S108B1	7/6/1992	N	42.79	20.71	
S108B1	10/7/1992	N	42.2	21.3	
S108B1	1/4/1993	N	42.68	20.82	
S108B1	4/5/1993	N	46.2	17.3	
S108B1	7/6/1993	N	45.52	17.98	
S108B1	10/4/1993	N	44.62	18.88	
S108B1	1/3/1994	N	45.5	18	
S108B1	7/5/1994	N	46.83	16.67	
S108B1	4/28/1995	N	51.02	12.48	
S108B1	10/5/1995	N	50.44	13.06	
S108B1	4/1/1996	N	49.65	10.48	

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HISTORICAL GROUNDWATER ELEVATIONS
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S108B1	10/7/1996	N	49.1	11.03	
S108B1	12/13/1996	N	49.88	10.25	
S108B1	4/7/1997	N	51.48	8.65	
S108B1	10/13/1997	N	51.23	8.9	
S108B1	4/20/1998	N	54.08	6.05	
S108B1	10/2/1998	N	53.22	6.91	
S108B1	4/27/1999	N	54.02	6.11	
S108B1	10/12/1999	N	53.1	7.03	
S108B1	4/13/2000	N	53.46	6.73	
S108B1	10/5/2000	N	52.46	7.73	
S108B1	4/10/2001	N	53.5	6.69	
S108B1	10/9/2001	N	52.27	7.92	60.19
S108B1	4/4/2002	N	52.91	7.28	60.19
S108B1	10/10/2002	N	52.13	8.06	60.19
S108B1	10/2/2003	N	52.66	7.53	60.19
S108B1	10/6/2004	N	52.03	8.16	60.19
S108B1	10/4/2005	N	53.07	7.12	60.19
S109A	3/3/1987	N	52.87	18.6	
S109A	5/29/1987	N	52.28	19.19	
S109A	8/18/1987	N	51.79	19.68	
S109A	11/10/1987	N	52.59	18.88	
S109A	1/29/1988	N	54.23	17.24	
S109A	4/22/1988	N	54.7	16.77	
S109A	7/22/1988	N	54.7	16.77	
S109A	11/3/1988	N	52.63	18.84	
S109A	2/12/1989	N	54.18	17.29	
S109A	5/3/1989	N	53.43	18.04	
S109A	8/18/1989	N	51.75	19.72	
S109A	10/20/1989	N	51.8	19.67	
S109A	1/22/1990	N	53.08	18.39	
S109A	4/9/1990	N	51.94	19.53	
S109A	7/9/1990	N	51.77	19.7	
S109A	10/8/1990	N	50.76	20.71	
S109A	1/7/1991	N	52.75	18.72	
S109A	4/8/1991	N	54.66	16.81	
S109A	7/8/1991	N	51.7	19.77	
S109A	10/7/1991	N	51.06	20.41	
S109A	1/6/1992	N	54.72	16.75	
S109A	4/6/1992	N	54.13	17.34	
S109A	7/6/1992	N	52.05	19.42	
S109A	10/7/1992	N	51.09	20.38	
S109A	1/4/1993	N	54.05	17.42	
S109A	4/5/1993	N	54.99	16.48	
S109A	7/6/1993	N	52.96	18.51	
S109A	10/4/1993	N	52.04	19.43	
S109A	1/3/1994	N	53	18.47	
S109A	7/5/1994	N	52.67	18.8	
S109A	4/28/1995	N	56.41	15.06	
S109A	10/5/1995	N	54.02	17.45	
S109A	4/1/1996	N	53.52	14.55	
S109A	10/7/1996	N	52.33	15.74	
S109A	12/13/1996	N	53.13	14.94	

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740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S109A	4/7/1997	N	53.86	14.21	
S109A	10/13/1997	N	53.72	14.35	
S109A	4/20/1998	N	55.98	12.09	
S109A	10/2/1998	N	55.52	12.55	
S109A	4/27/1999	N	54.81	13.26	
S109A	10/12/1999	N	54.41	13.67	
S109A	4/13/2000	N	54.72	13.47	
S109A	10/5/2000	N	54.19	14	
S109A	4/10/2001	N	54.7	13.49	
S109A	10/9/2001	N	54.11	14.08	68.19
S109A	4/4/2002	N	54.46	13.73	68.19
S109A	10/10/2002	N	53.88	14.31	68.19
S109A	10/2/2003	N	54.36	13.83	68.19
S109A	10/6/2004	N	53.73	14.46	68.19
S109A	10/4/2005	N	54.38	13.81	68.19
S109B1	6/5/1986	N	50.13	21.67	
S109B1	2/27/1987	N	47.24	24.56	
S109B1	1/19/1988	N	47.16	24.64	
S109B1	2/9/1989	N	44.78	27.02	
S109B1	1/22/1990	N	42.43	29.37	
S109B1	4/9/1990	N	42.65	29.15	
S109B1	7/9/1990	N	42.73	29.07	
S109B1	10/8/1990	N	41.79	30.01	
S109B1	1/7/1991	N	42.12	29.68	
S109B1	4/8/1991	N	43.87	27.93	
S109B1	7/8/1991	N	42.63	29.17	
S109B1	10/7/1991	N	42.1	29.7	
S109B1	1/6/1992	N	42.42	29.38	
S109B1	4/6/1992	N	45.49	26.31	
S109B1	7/6/1992	N	44.39	27.41	
S109B1	10/7/1992	N	43.64	28.16	
S109B1	1/4/1993	N	44.43	27.37	
S109B1	4/5/1993	N	48.31	23.49	
S109B1	7/6/1993	N	47.82	23.98	
S109B1	10/4/1993	N	47.15	24.65	
S109B1	1/3/1994	N	47.95	23.85	
S109B1	7/5/1994	N	49.15	22.65	
S109B1	4/28/1995	N	53.91	17.89	
S109B1	10/5/1995	N	53.35	18.45	
S109B1	4/1/1996	N	53.01	15.37	
S109B1	10/7/1996	N	52.58	15.8	
S109B1	12/13/1996	N	53.66	14.72	
S109B1	4/7/1997	N	55.21	13.17	
S109B1	10/13/1997	N	55.43	12.95	
S109B1	4/20/1998	N	58.84	9.54	
S109B1	10/2/1998	N	57.98	10.4	
S109B1	4/27/1999	N	58.99	9.39	
S109B1	10/12/1999	N	57.74	10.65	
S109B1	4/13/2000	N	58.3	10.1	
S109B1	10/5/2000	N	57	11.4	
S109B1	4/10/2001	N	58.08	10.32	
S109B1	10/9/2001	N	56.64	11.76	68.4

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PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S109B1	4/4/2002	N	57.21	11.19	68.4
S109B1	10/10/2002	N	56.24	12.16	68.4
S109B1	10/2/2003	N	56.76	11.64	68.4
S109B1	10/6/2004	N	55.96	12.44	68.4
S109B1	10/4/2005	N	57.14	11.26	68.4
S110A	5/7/1986	N	52.04	11.44	
S110A	3/3/1987	N	49.1	14.38	
S110A	8/14/1987	N	48.58	14.9	
S110A	1/29/1988	N	47.84	15.64	
S110A	7/21/1988	N	44.42	19.06	
S110A	2/12/1989	N	46.04	17.44	
S110A	8/17/1989	N	43.85	19.63	
S110A	1/22/1990	N	43.84	19.64	
S110A	4/9/1990	N	43.77	19.71	
S110A	7/9/1990	N	43.48	20	
S110A	10/8/1990	N	43.24	20.24	
S110A	1/7/1991	N	43.6	19.88	
S110A	4/8/1991	N	45.94	17.54	
S110A	7/8/1991	N	43.56	19.92	
S110A	10/7/1991	N	43.32	20.16	
S110A	1/6/1992	N	43.74	19.74	
S110A	4/6/1992	N	46.63	16.85	
S110A	7/6/1992	N	44.56	18.92	
S110A	10/7/1992	N	43.64	19.84	
S110A	1/4/1993	N	45.38	18.1	
S110A	4/5/1993	N	49.64	13.84	
S110A	7/6/1993	N	47.63	15.85	
S110A	10/4/1993	N	46.5	16.98	
S110A	1/3/1994	N	47.46	16.02	
S110A	7/5/1994	N	48.3	15.18	
S110A	4/28/1995	N	51.77	11.71	
S110A	10/5/1995	N	50.36	13.12	
S110A	4/1/1996	N	49.29	10.58	
S110A	10/7/1996	N	48.22	11.65	
S110A	12/13/1996	N	49.37	10.5	
S110A	4/7/1997	N	50.41	9.46	
S110A	10/13/1997	N	50.04	9.83	
S110A	4/20/1998	N	51.91	7.96	
S110A	10/2/1998	N	51.91	7.96	
S110A	4/27/1999	N	51.68	8.19	
S110A	10/12/1999	N	51.25	8.62	
S110A	4/13/2000	N	51.46	8.85	
S110A	10/5/2000	N	50.9	9.41	
S110A	4/10/2001	N	51.54	8.77	
S110A	10/9/2001	N	50.82	9.49	60.31
S110A	4/4/2002	N	51.26	9.05	60.31
S110A	10/10/2002	N	50.8	9.51	60.31
S110A	10/2/2003	N	51.09	9.22	60.31
S110A	10/6/2004	N	50.6	9.71	60.31
S110A	10/4/2005	N	51.35	8.96	60.31
S112A	3/3/1987	N	51.4	19.13	

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740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S112A	5/29/1987	N	50.35	20.18	
S112A	8/17/1987	N	49.67	20.86	
S112A	1/29/1988	N	51.71	18.82	
S112A	4/21/1988	N	51.49	19.04	
S112A	7/22/1988	N	51.49	19.04	
S112A	11/3/1988	N	49.62	20.91	
S112A	2/9/1989	N	50.93	19.6	
S112A	5/3/1989	N	49.98	20.55	
S112A	8/17/1989	N	48.83	21.7	
S112A	10/20/1989	N	48.86	21.67	
S112A	1/22/1990	N	49.85	20.68	
S112A	4/9/1990	N	48.84	21.69	
S112A	7/9/1990	N	48.73	21.8	
S112A	10/8/1990	N	46.76	23.77	
S112A	1/7/1991	N	49.11	21.42	
S112A	4/8/1991	N	52.19	18.34	
S112A	7/8/1991	N	48.71	21.82	
S112A	10/7/1991	N	47.69	22.84	
S112A	1/6/1992	N	49.6	20.93	
S112A	4/6/1992	N	51.89	18.64	
S112A	7/6/1992	N	49.08	21.45	
S112A	10/7/1992	N	48.44	22.09	
S112A	1/4/1993	N	51.58	18.95	
S112A	4/5/1993	N	54.06	16.47	
S112A	7/6/1993	N	51.5	19.03	
S112A	10/4/1993	N	50.13	20.4	
S112A	1/3/1994	N	50.88	19.65	
S112A	7/5/1994	N	51.41	19.12	
S112A	4/28/1995	N	56.04	14.49	
S112A	10/5/1995	N	54.55	15.98	
S112A	4/1/1996	N	53.46	13.65	
S112A	10/7/1996	N	52.16	14.95	
S112A	12/13/1996	N	53.18	13.93	
S112A	4/7/1997	N	54.11	13	
S112A	10/13/1997	N	53.87	13.24	
S112A	4/20/1998	N	55.71	11.4	
S112A	10/2/1998	N	55.11	12	
S112A	4/27/1999	N	55.61	11.5	
S112A	10/12/1999	N	55.02	12.1	
S112A	4/13/2000	N	55.52	11.59	
S112A	10/5/2000	N	54.66	12.45	
S112A	4/10/2001	N	55.34	11.77	
S112A	10/9/2001	N	54.57	12.54	67.11
S112A	4/4/2002	N	54.98	12.13	67.11
S112A	10/10/2002	N	54.25	12.86	67.11
S112A	10/2/2003	N	54.75	12.36	67.11
S112A	10/6/2004	N	54.12	12.99	67.11
S112A	10/4/2005	N	54.77	12.34	67.11
S113B1	2/27/1987	N	47.52	23.36	
S113B1	1/19/1988	N	47.75	23.13	
S113B1	2/9/1989	N	45.02	25.86	
S113B1	1/24/1990	N	42.73	28.15	

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HISTORICAL GROUNDWATER ELEVATIONS
PHILIPS SEMICONDUCTORS
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Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S113B1	4/9/1990	N	42.79	28.09	
S113B1	7/9/1990	N	43.05	27.83	
S113B1	10/8/1990	N	42.11	28.77	
S113B1	1/7/1991	N	42.31	28.57	
S113B1	4/8/1991	N	44.19	26.69	
S113B1	7/8/1991	N	43.03	27.85	
S113B1	10/7/1991	N	42.38	28.5	
S113B1	1/6/1992	N	42.86	28.02	
S113B1	4/6/1992	N	41.77	29.11	
S113B1	7/6/1992	N	44.66	26.22	
S113B1	10/7/1992	N	43.98	26.9	
S113B1	1/4/1993	N	44.85	26.03	
S113B1	4/5/1993	N	48.67	22.21	
S113B1	7/6/1993	N	48.17	22.71	
S113B1	10/4/1993	N	47.46	23.42	
S113B1	1/3/1994	N	48.35	22.53	
S113B1	7/5/1994	N	49.63	21.25	
S113B1	4/28/1995	N	54.5	16.38	
S113B1	10/5/1995	N	53.93	16.95	
S113B1	4/1/1996	N	53.66	13.78	
S113B1	10/7/1996	N	53.26	14.18	
S113B1	12/13/1996	N	54.34	13.1	
S113B1	4/7/1997	N	55.97	11.47	
S113B1	10/13/1997	N	56.17	11.27	
S113B1	4/20/1998	N	59.74	7.7	
S113B1	10/2/1998	N	58.91	8.53	
S113B1	4/27/1999	N	59.86	7.58	
S113B1	10/12/1999	N	58.54	8.9	
S113B1	4/13/2000	N	58.86	8.58	
S113B1	10/5/2000	N	57.81	9.63	
S113B1	4/10/2001	N	58.9	8.54	
S113B1	10/9/2001	N	57.41	10.03	67.44
S113B1	4/4/2002	N	57.98	9.46	67.44
S113B1	10/10/2002	N	57.23	10.21	67.44
S113B1	10/2/2003	N	57.55	9.89	67.44
S113B1	10/6/2004	N	57.03	10.41	67.44
S113B1	10/4/2005	N	58.06	9.38	67.44
S119A	4/11/1990	N	39.41	25.85	
S119A	7/9/1990	N	37.55	27.71	
S119A	10/8/1990	N	37.97	27.29	
S119A	1/7/1991	N	37.83	27.43	
S119A	4/8/1991	N	42.82	22.44	
S119A	7/8/1991	N	38.21	27.05	
S119A	10/7/1991	N	38.35	26.91	
S119A	1/6/1992	N	38.25	27.01	
S119A	4/6/1992	N	44	21.26	
S119A	7/6/1992	N	41.49	23.77	
S119A	10/7/1992	N	39.06	26.2	
S119A	1/4/1993	Y			
S119A	4/5/1993	N	49.25	16.01	
S119A	7/6/1993	N	46.11	19.15	
S119A	10/4/1993	N	44.93	20.33	

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PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S119A	1/3/1994	N	46.26	19	
S119A	7/5/1994	N	47.2	18.06	
S119A	4/28/1995	N	48.1	17.16	
S119A	10/5/1995	N	42.08	23.18	
S119A	4/1/1996	N	41.19	19.96	
S119A	10/7/1996	N	37.67	23.48	
S119A	12/13/1996	N	46.53	14.62	
S119A	4/7/1997	N	46.58	14.57	
S119A	10/13/1997	N	41.05	20.1	
S119A	4/20/1998	N	46.2	14.95	
S119A	10/2/1998	N	40.5	20.65	
S119A	4/27/1999	N	41.73	19.42	
S119A	10/12/1999	N	31.54	29.63	
S119A	4/13/2000	N	38.67	22.48	
S119A	10/5/2000	N	30.99	30.16	
S119A	4/10/2001	N	34.66	26.49	
S119A	10/9/2001	N	39.14	22.03	61.15
S119A	4/4/2002	N	35.8	25.35	61.15
S119A	10/10/2002	N	38.18	22.97	61.15
S119A	10/2/2003	N	32.82	28.33	61.15
S119A	10/6/2004	N	39.51	21.64	61.15
S119A	10/4/2005	N	52.42	8.73	61.15
S120A	1/28/1988	N	48.59	18.82	
S120A	2/12/1989	N	46.64	20.77	
S120A	8/17/1989	N	44.64	22.77	
S120A	1/22/1990	N	44.07	23.34	
S120A	4/9/1990	N	44.12	23.29	
S120A	7/9/1990	N	43.89	23.52	
S120A	10/8/1990	N	42.97	24.44	
S120A	1/7/1991	N	43.66	23.75	
S120A	4/8/1991	N	46.79	20.62	
S120A	7/8/1991	N	44.95	22.46	
S120A	10/7/1991	N	42.35	25.06	
S120A	1/6/1992	N	43.8	23.61	
S120A	4/6/1992	N	47.52	19.89	
S120A	7/6/1992	N	45.56	21.85	
S120A	10/7/1992	N	44.56	22.85	
S120A	1/4/1993	N	46.31	21.1	
S120A	4/5/1993	N	50.51	16.9	
S120A	7/6/1993	N	48.5	18.91	
S120A	10/4/1993	N	47.41	20	
S120A	1/3/1994	N	48.33	19.08	
S120A	7/6/1994	N	48.73	18.68	
S120A	4/28/1995	N	53.22	14.19	
S120A	10/12/1995	N	51.76	15.65	
S120A	4/1/1996	N	51.05	12.9	
S120A	10/7/1996	N	50.06	13.89	
S120A	12/13/1996	N	51.08	12.87	
S120A	10/13/1997	N	52	11.95	
S120A	10/2/1998	N	53.57	10.38	
S120A	4/27/1999	N	53.99	9.96	
S120A	10/12/1999	N	53.3	10.66	

Notes:

APPENDIX A
HISTORICAL GROUNDWATER ELEVATIONS
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Dry	Groundwater Elevation	Depth to Water	Reference Elevation
S120A	4/13/2000	N	53.73	10.53	
S120A	10/5/2000	N	53	11.26	
S120A	4/10/2001	N	53.79	10.47	
S120A	10/9/2001	N	52.98	11.28	64.26
S120A	4/4/2002	N	53.35	10.91	64.26
S120A	10/10/2002	N	52.75	11.51	64.26
S120A	10/2/2003	N	53.15	11.11	64.26
S120A	10/6/2004	N	52.55	11.71	64.26
S120A	10/4/2005	N	53.49	10.77	64.26
S155B1	4/24/1998	N	56.8	9.84	
S155B1	10/2/1998	N	57.24	9.4	
S155B1	4/27/1999	N	56.75	9.89	
S155B1	10/12/1999	N	55.55	11.03	
S155B1	4/13/2000	N	56.42	10.22	
S155B1	10/5/2000	N	55.09	11.55	
S155B1	4/10/2001	N	56.25	10.39	
S155B1	10/9/2001	N	54.93	11.71	66.64
S155B1	4/4/2002	N	56.39	10.25	66.64
S155B1	10/10/2002	N	54.46	12.18	66.64
S155B1	10/2/2003	N	54.92	11.72	66.64
S155B1	10/6/2004	N	54.14	12.5	66.64
S155B1	10/4/2005	N	55.28	11.36	66.64
S156B1	4/28/1998	N	57.55	8.23	
S156B1	10/2/1998	N	54.42	11.36	
S156B1	4/27/1999	N	57.29	8.49	
S156B1	10/12/1999	N	56.13	9.6	
S156B1	4/13/2000	N	56.58	9.15	
S156B1	10/5/2000	N	56.11	9.62	
S156B1	4/10/2001	N	56.02	9.71	
S156B1	10/9/2001	N	55.71	10.02	65.73
S156B1	4/4/2002	N	55.99	9.74	65.73
S156B1	10/10/2002	N	55.01	10.72	65.73
S156B1	10/2/2003	N	55.52	10.21	65.73
S156B1	10/6/2004	N	54.76	10.97	65.73
S156B1	10/4/2005	N	55.96	9.77	65.73

Notes:

APPENDIX B

HISTORICAL GROUNDWATER ANALYTICAL RESULTS

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLOROETHANE µg/l	1,1-DICHLOROETHANE µg/l	1,1-DICHLOROETHENE µg/l	1,2-DICHLOROBENZENE µg/l	1,2-DICHLOROETHANE µg/l	CHLOROFORM µg/l	CIS-1,2-DICHLOROETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRACHLOROETHENE µg/l	TRANS-1,2-DICHLOROETHENE µg/l	TRICHLOROETHENE µg/l	VINYL CHLORIDE µg/l
S009A	23-Mar-82	REG	2.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	NT	NT	ND 1.0	NT	240	ND 1.0
S009A	30-Jul-83	REG	2.6	NT	NT	NT	NT	NT	NT	NT	NT	0.2	NT	80	NT
S009A	5-Oct-83	REG	2.1	NT	NT	NT	NT	NT	NT	NT	NT	0.2	NT	82	NT
S009A	21-Feb-84	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	35	NT
S009A	20-Jun-84	FD	0.9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT
S009A	20-Jun-84	REG	72	NT	NT	NT	NT	NT	NT	NT	NT	1.2	NT	ND 0.5	NT
S009A	21-Jun-84	REG	1.2	NT	NT	NT	NT	NT	NT	NT	NT	0.3	NT	82	NT
S009A	7-Sep-84	REG	2.0	NT	NT	NT	NT	NT	NT	NT	NT	0.3	NT	92	NT
S009A	14-May-85	REG	0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.2	NT	89	NT
S009A	26-Aug-85	REG	0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	71	NT
S009A	22-Nov-85	REG	0.4	NT	NT	NT	NT	NT	NT	NT	NT	0.3	NT	51	NT
S009A	20-Feb-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	48	ND 1.0
S009A	8-May-86	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	58	ND 2.0
S009A	26-Aug-86	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	20	NT	73	ND 2.0
S009A	4-Nov-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.5	ND 0.5	NT	ND 0.5	NT	58	ND 0.5
S009A	3-Mar-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	73	ND 1.0
S009A	29-Jan-88	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	58	ND 2.5
S009A	21-Jul-88	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	74	ND 2.5
S009A	7-Feb-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	59	ND 2.5
S009A	23-Aug-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	89	ND 2.5
S009A	26-Jan-90	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	77	ND 2.5
S009A	20-Jul-90	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 4.2	ND 2.5	ND 2.5	NT	ND 2.5	NT	63	ND 2.5
S009A	17-Jan-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	1.3	NT	130	ND 0.5
S009A	9-Jul-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	99	ND 2.5
S009A	9-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	110	ND 0.5
S009A	7-Jul-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	93	ND 2.5
S009A	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	67	ND 5.0
S009A	7-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	58	ND 5.0
S009A	5-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	51	ND 5.0
S009A	6-Jul-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	35	ND 0.5
S009A	27-Apr-95	REG	ND 0.5	0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	33	ND 1.0
S009A	17-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	41	ND 0.5
S009A	8-Apr-96	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	2.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	26	ND 1.0
S009A	11-Oct-96	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	29	ND 1.0
S009A	10-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	30	ND 0.5
S009A	23-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	15	ND 0.5
S009A	13-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	21	ND 0.5
S009A	13-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 5.0	ND 5.0	ND 0.5	ND 0.5	33	ND 0.5
S009A	9-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.0	ND 5.0	ND 5.0	ND 0.5	ND 0.5	45	ND 0.5
S009A	18-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5.0	ND 5.0	ND 0.5	ND 0.5	40	ND 0.5
S009A	30-Oct-03	REG	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	41	ND 0.5
S009A	27-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5.0	ND 5.0	ND 0.5	ND 0.5	22	ND 0.5
S009A	17-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	ND 5.0	ND 5.0	ND 0.5	ND 0.5	31	ND 0.5
S009B1	23-Mar-82	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	NT	NT	ND 1.0	NT	19	NT
S009B1	30-Jul-83	REG	0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	8.2	NT
S009B1	3-Oct-83	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	5.4	NT
S009B1	16-Feb-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.9	NT
S009B1	19-Jun-84	FD	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	2.0	NT

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S009B1	19-Jun-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	3.0	NT
S009B1	6-Sep-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	4.0	NT
S009B1	13-May-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	3.4	NT
S009B1	26-Aug-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	3.0	NT
S009B1	21-Nov-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.8	NT
S009B1	20-Feb-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	0.8	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.0	ND 1.0
S009B1	8-May-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.2	ND 1.0
S009B1	19-Aug-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1.0
S009B1	29-Aug-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1.0
S009B1	3-Nov-86	REG	ND 0.5	ND 0.5	ND 0.2	NT	2.1	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.6	ND 0.5
S009B1	2-Mar-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	1.0	ND 1.0
S009B1	22-Jan-88	REG	ND 0.5	ND 0.5	ND 0.5	NT	2.3	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.3	ND 0.5
S009B1	7-Feb-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.2	ND 0.5
S009B1	26-Jan-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	9.2	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.8	ND 0.5
S009B1	16-Jan-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	7.0	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.1	ND 0.5
S009B1	8-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	7.6	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S009B1	21-Jan-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	8.4	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S009B1	4-Jan-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	10	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S009B1	27-Apr-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	8.5	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	ND 0.5	ND 1.0
S009B1	17-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	8.1	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S009B1	8-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	7.4	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S009B1	10-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	6.0	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S009B1	21-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	4.2	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S009B1	13-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	2.7	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	1.3	ND 0.5
S009B1	16-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S009B1	9-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S009B1	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	1.2	ND 0.5
S009B1	29-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	1.4	ND 0.5
S009B1	25-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S009B1	7-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S010A	24-Mar-82	REG	2.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	11	NT	NT	4.0	NT	840	NT
S010A	30-Jul-83	REG	1.0	NT	NT	NT	NT	NT	NT	NT	NT	2.2	NT	260	NT
S010A	4-Oct-83	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	310	NT
S010A	21-Feb-84	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	0.8	NT	180	NT
S010A	20-Jun-84	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	330	NT
S010A	7-Sep-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	34	NT
S010A	13-May-85	REG	0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.6	NT	190	NT
S010A	26-Aug-85	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	53	NT
S010A	21-Nov-85	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	170	NT
S010A	20-Feb-86	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	180	ND 10
S010A	8-May-86	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	220	ND 10
S010A	26-Aug-86	REG	8.5	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	7.7	NT	310	ND 10
S010A	7-Nov-86	REG	1.1	ND 0.5	ND 0.2	NT	ND 0.5	0.5	0.5	ND 0.5	NT	2.2	NT	68	ND 0.5
S010A	3-Mar-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	0.6	ND 1.0	NT	ND 0.5	NT	79	ND 1.0
S010A	2-Jun-87	REG	4.0	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	4.0	ND 2.5	NT	ND 2.5	NT	170	ND 2.5
S010A	9-Apr-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	220	ND 2.5
S010A	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	96	ND 5.0
S010A	7-Apr-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	200	ND 5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S010A	5-Apr-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	98	ND 2.5
S010A	11-Oct-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	93	ND 2.5
S010A	24-Apr-98	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	49	ND 2.5
S010A	13-Sep-99	REG	0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	53	ND 0.5
S010A	13-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	42	ND 0.5
S010A	10-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	31	ND 0.5
S010A	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	39	ND 0.5
S010A	30-Oct-03	REG	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	40	ND 0.5
S010A	25-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	29	ND 0.5
S010B1	24-Mar-82	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	600	NT	NT	ND 1.0	NT	130	NT
S010B1	30-Jul-83	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	0.6	NT	21	NT
S010B1	4-Oct-83	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	10	NT
S010B1	16-Feb-84	FD	ND 0.1	NT	NT	NT	NT	NT	NT	0.3	NT	ND 0.5	NT	16	NT
S010B1	16-Feb-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	12	NT
S010B1	19-Jun-84	FD	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	13	NT
S010B1	19-Jun-84	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	16	NT
S010B1	6-Sep-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.2	NT	16	NT
S010B1	13-May-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	13	NT
S010B1	26-Aug-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.8	NT
S010B1	21-Nov-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	5.1	NT
S010B1	20-Feb-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.5	ND 1.0
S010B1	8-May-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1.0
S010B1	15-Aug-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1.0
S010B1	3-Nov-86	REG	ND 0.5	ND 0.5	ND 0.2	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.3	ND 0.5
S010B1	2-Mar-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	3.6	ND 1.0
S010B1	21-Apr-88	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	6.3	ND 0.5
S010B1	7-Feb-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.8	ND 0.5
S010B1	26-Jan-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.8	ND 0.5
S010B1	16-Jan-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.2	ND 0.5
S010B1	7-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.8	ND 0.5
S010B1	21-Jan-93	REG	ND 0.5	ND 0.5	0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.5	ND 0.5
S010B1	4-Jan-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.8	ND 0.5
S010B1	27-Apr-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	2.6	ND 1.0
S010B1	14-Oct-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.9	ND 0.5
S010B1	13-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	0.6	ND 0.5	ND 5.0	ND 0.5	ND 0.5	4.8	ND 0.5
S010B1	16-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	2.5	ND 0.5
S010B1	11-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	2.6	ND 0.5
S010B1	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	5.6	ND 0.5
S010B1	30-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5.0	ND 5.0	ND 0.5	ND 0.5	5.6	ND 0.5
S010B1	26-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	2.6	ND 0.5
S010B1	7-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5.0	ND 5.0	ND 0.5	ND 0.5	3.3	ND 0.5
S034A	5-May-82	REG	1.3	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	290	NT
S034A	30-Jul-83	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	410	NT
S034A	4-Oct-83	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	1.4	NT	470	NT
S034A	21-Feb-84	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	0.8	NT	260	NT
S034A	20-Jun-84	FD	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	400	NT
S034A	20-Jun-84	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	1.4	NT	380	NT

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S034A	7-Sep-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	1.1	NT	350	NT
S034A	13-May-85	REG	0.8	NT	NT	NT	NT	NT	NT	NT	NT	1.2	NT	390	NT
S034A	26-Aug-85	REG	1.0	NT	NT	NT	NT	NT	NT	NT	NT	1.1	NT	280	NT
S034A	21-Nov-85	REG	2.6	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	250	NT
S034A	20-Feb-86	REG	2.5	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	3.0	ND 2.0	NT	ND 2.0	NT	150	ND 4.0
S034A	8-May-86	REG	36	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	200	ND 10
S034A	26-Aug-86	REG	15	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	22	NT	270	ND 10
S034A	4-Nov-86	REG	14	ND 0.5	ND 0.5	NT	ND 0.5	0.5	2.1	ND 0.5	NT	0.7	NT	210	ND 0.5
S034A	3-Mar-87	REG	12	ND 5.0	ND 5.0	NT	ND 10	ND 5.0	ND 5.0	ND 10	NT	ND 5.0	NT	290	ND 10
S034A	2-Jun-87	REG	13	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	250	ND 10
S034B1	5-May-82	REG	1.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	80	NT
S034B1	30-Jul-83	REG	1.0	NT	NT	NT	NT	NT	NT	NT	NT	0.7	NT	200	NT
S034B1	4-Oct-83	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	140	NT
S034B1	21-Feb-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.4	NT	150	NT
S034B1	21-Jun-84	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	1.0	NT	260	NT
S034B1	6-Sep-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.6	NT	140	NT
S034B1	13-May-85	REG	0.9	NT	NT	NT	NT	NT	NT	NT	NT	0.6	NT	200	NT
S034B1	26-Aug-85	REG	1.5	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	130	NT
S034B1	21-Nov-85	REG	1.9	NT	NT	NT	NT	NT	NT	NT	NT	0.3	NT	60	NT
S034B1	20-Feb-86	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	130	ND 10
S034B1	8-May-86	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	46	ND 2.0
S034B1	26-Aug-86	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	12	NT	130	ND 5.0
S034B1	4-Nov-86	REG	2.6	ND 0.5	ND 0.5	NT	ND 0.5	0.5	0.8	ND 0.5	NT	ND 0.5	NT	70	ND 0.5
S034B1	3-Mar-87	REG	1.0	ND 2.0	ND 2.0	NT	ND 4.0	ND 2.0	ND 2.0	ND 4.0	NT	ND 2.0	NT	110	ND 4.0
S035A2	5-May-82	REG	1.0	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	110	NT
S035A2	29-Jul-83	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	0.2	NT	20	NT
S035A2	3-Oct-83	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	50	NT
S035A2	21-Feb-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	21	NT
S035A2	20-Jun-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	39	NT
S035A2	6-Sep-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	22	NT
S035A2	15-May-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.3	NT	9.8	NT
S035A2	26-Aug-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	14	NT
S035A2	21-Nov-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	12	NT
S035A2	20-Feb-86	REG	3.7	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	250	ND 4.0
S035A2	9-May-86	REG	19	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	260	ND 10
S035A2	26-Aug-86	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	7.7	NT	380	ND 10
S035A2	4-Nov-86	REG	6.2	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	350	ND 2.5
S035A2	4-Mar-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 10	ND 5.0	ND 5.0	ND 10	NT	ND 5.0	NT	180	ND 10
S035A2	1-Jun-87	REG	2.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	140	ND 1.0
S035A2	28-Aug-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	110	ND 5.0
S035A2	19-Nov-87	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	65	ND 2.5
S035A2	29-Jan-88	REG	8.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	150	ND 5.0
S035A2	21-Apr-88	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	84	ND 2.5
S035A2	22-Jul-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	160	ND 5.0
S035A2	1-Nov-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	140	ND 5.0
S035A2	7-Feb-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S035A2	18-Apr-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S035A2	23-Aug-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	74	ND 2.5
S035A2	13-Oct-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	140	ND 2.5
S035A2	29-Jan-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	150	ND 10
S035A2	17-Apr-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	160	ND 5.0
S035A2	19-Jul-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	120	ND 5.0
S035A2	17-Oct-90	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	140	ND 2.5
S035A2	17-Jan-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	210	ND 2.5
S035A2	9-Apr-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	140	ND 2.5
S035A2	9-Jul-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	190	ND 2.5
S035A2	8-Oct-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S035A2	9-Jan-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S035A2	7-Apr-92	REG	3.4	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5
S035A2	8-Jul-92	REG	4.6	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	140	ND 2.5
S035A2	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	170	ND 5.0
S035A2	7-Apr-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	120	ND 5.0
S035A2	8-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	82	ND 5.0
S035A2	5-Oct-93	REG	16	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	120	ND 5.0
S035A2	5-Jan-94	REG	10	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	140	ND 5.0
S035A2	7-Jul-94	REG	12	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	97	ND 5.0
S035A2	27-Apr-95	REG	15	ND 2.5	2.7	NT	ND 2.5	ND 2.5	ND 2.5	ND 5.0	NT	ND 2.5	NT	120	ND 1.0
S035A2	17-Oct-95	REG	3.6	ND 0.5	0.6	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	28	ND 0.5
S035A2	9-Apr-96	REG	17	ND 2.5	2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5
S035A2	14-Oct-96	REG	15	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	68	ND 2.5
S035A2	10-Apr-97	REG	23	ND 0.5	2.2	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	83	ND 0.5
S035A2	24-Apr-98	REG	6.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	41	ND 1.0
S035A2	13-Sep-99	REG	4.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 10	ND 1.0	ND 1.0	38	ND 1.0
S035A2	16-Oct-00	REG	2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	34	ND 0.5
S035A2	11-Oct-01	REG	3.0	ND 0.5	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	60	ND 0.5
S035A2	17-Oct-02	REG	2.3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	70	ND 0.5
S035A2	30-Oct-03	REG	1.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	46	ND 0.5
S035A2	26-Oct-04	REG	1.7	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	57	ND 0.5
S035A2	13-Oct-05	REG	1.4	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	51	ND 0.5
S035A	5-May-82	REG	3.0	NT	NT	NT	NT	NT	NT	NT	NT	1.2	NT	730	NT
S035A	29-Jul-83	REG	1.1	NT	NT	NT	NT	NT	NT	NT	NT	1.2	NT	540	NT
S035A	5-Oct-83	REG	0.7	NT	NT	NT	NT	NT	NT	NT	NT	1.0	NT	710	NT
S035A	22-Feb-84	FD	0.8	NT	NT	NT	NT	NT	NT	0.3	NT	1.1	NT	660	NT
S035A	22-Feb-84	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	470	NT
S035A	21-Jun-84	REG	0.7	NT	NT	NT	NT	NT	NT	NT	NT	2.0	NT	730	NT
S035A	7-Sep-84	REG	0.4	NT	NT	NT	NT	NT	NT	NT	NT	1.1	NT	600	NT
S035A	26-Feb-85	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.0	NT	380	NT
S035A	15-May-85	REG	0.5	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	540	NT
S035A	26-Aug-85	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	0.8	NT	350	NT
S035A	21-Nov-85	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	0.8	NT	330	NT
S035A	20-Feb-86	REG	ND 20	ND 20	ND 20	NT	ND 20	ND 20	ND 20	ND 20	NT	ND 20	NT	330	ND 40
S035A	9-May-86	REG	26	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	360	ND 10
S035A	27-Aug-86	REG	13	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	74	NT	430	ND 20
S035A	4-Nov-86	REG	9.4	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	370	ND 2.5
S035A	4-Mar-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 10	ND 5.0	ND 5.0	ND 10	NT	ND 5.0	NT	190	ND 10

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S035A	1-Jun-87	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	580	ND 10
S035A	28-Aug-87	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	340	ND 10
S035A	18-Nov-87	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	340	ND 10
S035A	29-Jan-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	330	ND 5.0
S035A	21-Apr-88	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	290	ND 10
S035A	29-Aug-88	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S035A	1-Nov-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	300	ND 5.0
S035A	7-Feb-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	270	ND 5.0
S035A	18-Apr-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	270	ND 5.0
S035A	23-Aug-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	160	ND 5.0
S035A	13-Oct-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	290	ND 5.0
S035A	29-Jan-90	REG	ND 12	ND 12	ND 12	NT	ND 12	ND 12	ND 12	ND 12	NT	ND 12	NT	310	ND 12
S035A	17-Apr-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	60	NT	ND 10	NT	290	ND 10
S035A	20-Jul-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 22	ND 10	ND 10	NT	ND 10	NT	230	ND 10
S035A	17-Oct-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	260	ND 5.0
S035A	17-Jan-91	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	450	ND 5.0
S035A	9-Apr-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	320	ND 10
S035A	9-Jul-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	380	ND 2.5
S035A	8-Oct-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	310	ND 10
S035A	9-Jan-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	380	ND 10
S035A	7-Apr-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	300	ND 10
S035A	8-Jul-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	330	ND 10
S035A	9-Oct-92	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	300	ND 5.0
S035A	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	310	ND 5.0
S035A	7-Apr-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	330	ND 5.0
S035A	8-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	370	ND 5.0
S035A	5-Oct-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	350	ND 5.0
S035A	5-Jan-94	REG	15	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	340	ND 5.0
S035A	7-Jul-94	REG	13	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	230	ND 5.0
S035A	28-Apr-95	REG	9.0	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	97	ND 1.0
S035A	17-Oct-95	REG	28	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	180	ND 5.0
S035A	9-Apr-96	REG	18	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S035A	14-Oct-96	REG	62	ND 2.5	2.7	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	150	ND 2.5
S035A	11-Apr-97	REG	38	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	160	ND 25
S035A	24-Apr-98	REG	26	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5
S035A	14-Sep-99	REG	12	ND 0.5	2.6	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.0	ND 0.5	120	ND 0.5
S035A	13-Oct-00	REG	8.7	ND 0.5	2.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	110	ND 0.5
S035A	10-Oct-01	REG	5.1	ND 0.5	1.4	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	88	ND 0.5
S035A	18-Oct-02	REG	4.4	ND 0.5	1.1	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	100	ND 0.5
S035A	30-Oct-03	REG	2.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	58	ND 0.5
S035A	27-Oct-04	REG	1.9	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	54	ND 0.5
S035A	17-Oct-05	REG	1.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	47	ND 0.5
S036A	6-May-82	REG	4.9	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	730	NT
S036A	29-Jul-83	REG	2.1	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	470	NT
S036A	5-Oct-83	REG	2.0	NT	NT	NT	NT	NT	NT	NT	NT	1.7	NT	600	NT
S036A	22-Feb-84	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	1.4	NT	460	NT
S036A	20-Jun-84	REG	1.2	NT	NT	NT	NT	NT	NT	NT	NT	2.7	NT	620	NT
S036A	7-Sep-84	REG	1.0	NT	NT	NT	NT	NT	NT	NT	NT	2.0	NT	480	NT

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S036A	14-May-85	REG	1.8	NT	NT	NT	NT	NT	NT	NT	NT	1.8	NT	580	NT
S036A	27-Aug-85	REG	1.4	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	320	NT
S036A	22-Nov-85	REG	1.6	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	270	NT
S036A	20-Feb-86	REG	ND 20	ND 20	ND 20	NT	ND 20	ND 20	ND 20	ND 20	NT	ND 20	NT	310	ND 40
S036A	9-May-86	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	330	ND 20
S036A	27-Aug-86	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	61	NT	290	ND 20
S036A	4-Nov-86	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	380	ND 2.5
S036A	4-Mar-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 10	ND 5.0	ND 5.0	ND 10	NT	ND 50	NT	260	ND 10
S036A	2-Jun-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	220	ND 5.0
S036A	18-Aug-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	360	ND 0.5
S036A	10-Nov-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	230	ND 5.0
S036A	29-Jan-88	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	300	ND 10
S036A	21-Apr-88	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	220	ND 10
S036A	29-Aug-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	180	ND 5.0
S036A	1-Nov-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	270	ND 5.0
S036A	7-Feb-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	230	ND 5.0
S036A	18-Apr-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	230	ND 5.0
S036A	4-Aug-89	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	2.6	NT	NT	1.3	NT	285	ND 1.0
S036A	23-Aug-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	190	ND 2.5
S036A	13-Oct-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	16	ND 5.0	NT	ND 5.0	NT	340	ND 5.0
S036A	29-Jan-90	REG	ND 12	ND 12	ND 12	NT	ND 12	ND 12	ND 12	ND 12	NT	ND 12	NT	250	ND 12
S036A	17-Apr-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	400	ND 10
S036A	19-Jul-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	280	ND 10
S036A	17-Oct-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	370	ND 5.0
S036A	17-Jan-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	300	ND 10
S036A	9-Apr-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	18	NT	ND 10	NT	380	ND 10
S036A	10-Jul-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	290	ND 10
S036A	8-Oct-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	350	ND 2.5
S036A	9-Jan-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	340	ND 10
S036A	7-Apr-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	280	ND 2.5
S036A	7-Jul-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	260	ND 2.5
S036A	9-Oct-92	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	220	ND 5.0
S036A	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	250	ND 5.0
S036A	7-Apr-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	190	ND 5.0
S036A	8-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	200	ND 5.0
S036A	5-Oct-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	200	ND 5.0
S036A	5-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	210	ND 5.0
S036A	7-Jul-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	150	ND 5.0
S036A	27-Apr-95	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 5.0	NT	ND 2.5	NT	120	ND 5.0
S036A	17-Oct-95	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	190	ND 2.5
S036A	9-Apr-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	120	ND 2.5
S036A	14-Oct-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S036A	11-Apr-97	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	100	ND 2.5
S036A	23-Apr-98	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	93	ND 2.5
S036A	13-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	0.7	ND 0.5	110	ND 0.5
S036A	13-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.6	ND 0.5	78	ND 0.5
S036A	9-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	60	ND 0.5
S036A	18-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	74	ND 0.5
S036A	30-Oct-03	REG	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.5	ND 0.5	53	ND 0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S036A	27-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	43	ND 0.5
S036A	17-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	42	ND 0.5
S036A	17-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	25	ND 0.5
S036B1	5-May-82	REG	0.7	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	77	NT
S036B1	29-Jul-83	FD	0.4	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	4.4	NT
S036B1	29-Jul-83	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	3.0	NT
S036B1	3-Oct-83	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	6.4	NT
S036B1	16-Feb-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	2.1	NT
S036B1	19-Jun-84	REG	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	2.0	NT
S036B1	20-Jun-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	2.9	NT
S036B1	6-Sep-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	3.3	NT
S036B1	14-May-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	3.4	NT
S036B1	27-Aug-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	2.0	NT
S036B1	22-Nov-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.0	NT
S036B1	18-Feb-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.2	ND 1.0
S036B1	8-May-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.9	ND 1.0
S036B1	19-Aug-86	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1.0
S036B1	3-Nov-86	REG	ND 0.5	ND 0.5	ND 0.2	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.0	ND 0.5
S036B1	2-Mar-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	1.4	ND 1.0
S036B1	22-Jan-88	REG	ND 0.5	ND 0.5	ND 0.5	NT	0.9	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.7	ND 0.5
S036B1	7-Feb-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.0	ND 0.5
S036B1	4-Aug-89	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	NT	NT	ND 1.0	NT	1.4	ND 1.0
S036B1	26-Jan-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	1.7	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.5	ND 0.5
S036B1	16-Jan-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	3.6	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.2	ND 0.5
S036B1	7-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	2.7	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.8	ND 0.5
S036B1	21-Jan-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	6.4	ND 0.5
S036B1	4-Jan-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	1.0	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	9.4	ND 0.5
S036B1	27-Apr-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	7.6	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	2.9	ND 1.0
S036B1	17-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	8.4	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.3	ND 0.5
S036B1	8-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	7.3	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.2	ND 0.5
S036B1	11-Oct-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	6.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.7	ND 0.5
S036B1	10-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	5.8	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S036B1	21-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	6.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S036B1	13-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	2.7	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S036B1	16-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.0	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S036B1	9-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S036B1	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S036B1	30-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S036B1	26-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S036B1	7-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S037A	7-May-82	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	2.8	NT	780	NT
S037A	29-Jul-83	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	2.3	NT	510	NT
S037A	4-Oct-83	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	2.4	NT	480	NT
S037A	22-Feb-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	1.8	NT	280	NT
S037A	20-Jun-84	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	3.8	NT	620	NT
S037A	13-Sep-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	2.6	NT	610	NT
S037A	15-May-85	REG	0.4	NT	NT	NT	NT	NT	NT	NT	NT	2.3	NT	490	NT

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S037A	27-Aug-85	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	2.0	NT	380	NT
S037A	22-Nov-85	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	1.6	NT	330	NT
S037A	20-Feb-86	REG	ND 20	ND 20	ND 20	NT	ND 20	ND 20	ND 20	ND 20	NT	ND 20	NT	310	ND 40
S037A	9-May-86	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	290	ND 10
S037A	27-Aug-86	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	370	ND 20
S037A	7-Nov-86	REG	15	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	10	ND 2.5	NT	2.2	NT	420	ND 2.5
S037A	3-Mar-87	REG	ND 10	ND 10	ND 10	NT	ND 20	ND 10	ND 10	ND 20	NT	ND 10	NT	400	ND 20
S037A	2-Jun-87	REG	14	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	320	ND 10
S037A	18-Aug-87	REG	35	ND 10	ND 10	NT	ND 10	ND 10	20	ND 10	NT	ND 10	NT	620	ND 10
S037A	10-Nov-87	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	310	ND 10
S037A	29-Jan-88	REG	10	ND 10	ND 10	NT	ND 10	ND 10	10	ND 10	NT	ND 10	NT	520	ND 10
S037A	22-Apr-88	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	11	ND 10	NT	ND 10	NT	300	ND 10
S037A	29-Aug-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	270	ND 5.0
S037A	1-Nov-88	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	10	ND 10	NT	ND 10	NT	520	ND 10
S037A	7-Feb-89	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	320	ND 10
S037A	18-Apr-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	11	ND 5.0	NT	ND 5.0	NT	270	ND 5.0
S037A	16-Aug-89	REG	4.3	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	15	NT	NT	1.4	NT	313	ND 1.0
S037A	23-Aug-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	6.4	ND 5.0	NT	ND 5.0	NT	190	ND 5.0
S037A	13-Oct-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	11	ND 5.0	NT	ND 5.0	NT	350	ND 5.0
S037A	29-Jan-90	REG	ND 12	ND 12	ND 12	NT	ND 12	ND 12	ND 12	ND 12	NT	ND 12	NT	340	ND 12
S037A	17-Apr-90	REG	ND 13	ND 13	ND 13	NT	ND 13	ND 13	ND 13	ND 13	NT	ND 13	NT	440	ND 13
S037A	19-Jul-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	12	ND 10	NT	ND 10	NT	380	ND 10
S037A	17-Oct-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	420	ND 10
S037A	17-Jan-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	ND 10	NT	ND 10	NT	380	ND 10
S037A	9-Apr-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	17	ND 10	NT	ND 10	NT	410	ND 10
S037A	10-Jul-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	370	ND 10
S037A	8-Oct-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	420	ND 10
S037A	8-Jan-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	360	ND 10
S037A	7-Apr-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	17	ND 10	NT	ND 10	NT	380	ND 10
S037A	8-Jul-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	13	ND 10	NT	ND 10	NT	400	ND 10
S037A	9-Oct-92	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	5.9	ND 5.0	NT	ND 5.0	NT	380	ND 5.0
S037A	22-Jan-93	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	380	ND 10
S037A	7-Apr-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	120	ND 5.0
S037A	8-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	280	ND 5.0
S037A	5-Oct-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	270	ND 5.0
S037A	4-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	270	ND 5.0
S037A	6-Jul-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	240	ND 5.0
S037A	28-Apr-95	REG	7.2	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 5.0	NT	ND 2.5	NT	180	ND 5.0
S037A	17-Oct-95	REG	11	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	230	ND 10
S037A	10-Apr-96	REG	6.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	140	ND 5.0
S037A	14-Oct-96	REG	5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	160	ND 5.0
S037A	11-Apr-97	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	79	ND 2.5
S037A	23-Apr-98	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	160	ND 5.0
S037A	13-Sep-99	REG	4.2	ND 0.5	0.7	ND 1.0	ND 0.5	ND 0.5	14	ND 0.5	ND 5.0	0.8	ND 0.5	130	ND 0.5
S037A	13-Oct-00	REG	1.8	ND 0.5	0.6	1.1	ND 0.5	ND 0.5	10	ND 5.0	ND 5.0	0.6	ND 0.5	120	ND 0.5
S037A	11-Oct-01	REG	1.1	ND 0.5	ND 0.5	1.2	ND 0.5	ND 0.5	8.0	ND 5.0	ND 5.0	0.5	ND 0.5	90	ND 0.5
S037A	18-Oct-02	REG	0.9	ND 0.5	ND 0.5	0.7	ND 0.5	ND 0.5	9.3	ND 5.0	ND 5.0	ND 0.5	ND 0.5	120	ND 0.5
S037A	30-Oct-03	REG	1.0	ND 0.5	ND 0.5	1.0	ND 0.5	ND 0.5	10	ND 5.0	ND 5.0	0.5	ND 0.5	88	ND 0.5
S037A	27-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	0.7	ND 0.5	ND 0.5	12	ND 5.0	ND 5.0	ND 0.5	ND 0.5	73	ND 0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S037A	17-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	0.6	ND 0.5	ND 0.5	18	ND 5.0	ND 5.0	ND 0.5	0.7	80	ND 0.5
S037B1	7-May-82	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	160	NT
S037B1	30-Jul-83	REG	0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	360	NT
S037B1	4-Oct-83	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	400	NT
S037B1	21-Feb-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	330	NT
S037B1	21-Jun-84	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	1.1	NT	530	NT
S037B1	6-Sep-84	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	1.0	NT	490	NT
S037B1	16-May-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.8	NT	430	NT
S037B1	27-Aug-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	250	NT
S037B1	22-Nov-85	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	230	NT
S037B1	20-Feb-86	REG	ND 20	ND 20	ND 20	NT	ND 20	ND 20	ND 20	ND 20	NT	ND 20	NT	280	ND 40
S037B1	9-May-86	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	49	ND 5.0	NT	ND 5.0	NT	290	ND 10
S037B1	27-Aug-86	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	15	ND 10	NT	19	NT	280	ND 20
S037B1	5-Nov-86	REG	2.5	ND 1.5	ND 1.5	NT	ND 1.5	ND 1.5	44	ND 1.5	NT	1.5	NT	270	ND 1.5
S037B1	3-Mar-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 10	ND 5.0	28	ND 10	NT	ND 5.0	NT	370	ND 10
S037B1	2-Jun-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	47	ND 5.0	NT	ND 5.0	NT	240	ND 5.0
S037B1	18-Aug-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	48	ND 5.0	NT	ND 5.0	NT	420	ND 5.0
S037B1	10-Nov-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	20	ND 5.0	NT	ND 5.0	NT	220	ND 5.0
S037B1	29-Jan-88	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	31	ND 10	NT	ND 10	NT	290	ND 10
S037B1	21-Apr-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	37	ND 5.0	NT	ND 5.0	NT	200	ND 5.0
S037B1	29-Aug-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	22	ND 5.0	NT	ND 5.0	NT	200	ND 5.0
S037B1	1-Nov-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	37	ND 5.0	NT	ND 5.0	NT	310	ND 5.0
S037B1	7-Feb-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	17	ND 5.0	NT	ND 5.0	NT	160	ND 5.0
S037B1	18-Apr-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	25	ND 5.0	NT	ND 5.0	NT	230	ND 5.0
S037B1	4-Aug-89	REG	ND 1.0	1.1	ND 1.0	NT	ND 1.0	ND 1.0	35	NT	NT	ND 1.0	NT	299	ND 1.0
S037B1	23-Aug-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	9.5	ND 5.0	NT	ND 5.0	NT	270	ND 5.0
S037B1	13-Oct-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	26	ND 5.0	NT	ND 5.0	NT	300	ND 5.0
S037B1	29-Jan-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	24	ND 10	NT	ND 10	NT	310	ND 10
S037B1	17-Apr-90	REG	ND 13	ND 13	ND 13	NT	ND 13	ND 13	17	ND 13	NT	ND 13	NT	380	ND 13
S037B1	20-Jul-90	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 61	ND 25	ND 25	NT	ND 25	NT	260	ND 25
S037B1	17-Oct-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	21	ND 5.0	NT	ND 5.0	NT	310	ND 5.0
S037B1	17-Jan-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	19	ND 10	NT	ND 10	NT	340	ND 10
S037B1	9-Apr-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	12	NT	ND 10	NT	400	ND 10
S037B1	10-Jul-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	10	ND 10	NT	ND 10	NT	230	ND 10
S037B1	8-Oct-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	25	ND 2.5	NT	ND 2.5	NT	390	ND 2.5
S037B1	8-Jan-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	17	ND 10	NT	ND 10	NT	380	ND 10
S037B1	7-Apr-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	27	ND 2.5	NT	ND 2.5	NT	390	ND 2.5
S037B1	8-Jul-92	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	31	ND 5.0	NT	ND 5.0	NT	310	ND 5.0
S037B1	9-Oct-92	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	21	ND 5.0	NT	ND 5.0	NT	330	ND 5.0
S037B1	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	20	ND 5.0	NT	ND 5.0	NT	280	ND 5.0
S037B1	7-Apr-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	9.3	ND 5.0	NT	ND 5.0	NT	150	ND 5.0
S037B1	8-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	22	ND 5.0	NT	ND 5.0	NT	290	ND 5.0
S037B1	5-Oct-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	29	ND 5.0	NT	ND 5.0	NT	310	ND 5.0
S037B1	4-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	27	ND 5.0	NT	ND 5.0	NT	290	ND 5.0
S037B1	6-Jul-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	31	ND 5.0	NT	ND 5.0	NT	240	ND 5.0
S037B1	28-Apr-95	REG	ND 5.0	5.4	ND 5.0	NT	ND 5.0	ND 5.0	23	ND 10	NT	ND 5.0	NT	290	ND 10
S037B1	17-Oct-95	REG	2.3	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	2.8	ND 2.5	NT	ND 2.5	NT	73	ND 2.5
S037B1	10-Apr-96	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	15	ND 5.0	NT	ND 5.0	NT	180	ND 5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter	1,1,1-TRICHLORO-ETHANE	1,1-DICHLORO-ETHANE	1,1-DICHLORO-ETHENE	1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	CHLORO-FORM	CIS-1,2-DICHLORO-ETHENE	FREON 113	METHYLENE CHLORIDE	TETRA-CHLORO-ETHENE	TRANS-1,2-DICHLORO-ETHENE	TRI-CHLORO-ETHENE	VINYL CHLORIDE
		Units	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
		Sample Purpose													
S037B1	14-Oct-96	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	10	ND 5.0	NT	ND 5.0	NT	140	ND 5.0
S037B1	11-Apr-97	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	8.0	ND 5.0	NT	ND 5.0	NT	130	ND 5.0
S037B1	24-Apr-98	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	18	ND 5.0	NT	ND 5.0	NT	99	ND 5.0
S037B1	13-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	15	ND 0.5	ND 5.0	ND 0.5	ND 0.5	75	ND 0.5
S037B1	16-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	19	ND 5.0	ND 5.0	ND 0.5	ND 0.5	60	ND 0.5
S037B1	11-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	16	ND 5.0	ND 5.0	ND 0.5	ND 0.5	39	ND 0.5
S037B1	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	17	ND 5.0	ND 5.0	ND 0.5	ND 0.5	55	ND 0.5
S037B1	30-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	12	ND 5.0	ND 5.0	ND 0.5	ND 0.5	35	ND 0.5
S037B1	25-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	26	ND 5.0	ND 5.0	ND 0.5	0.8	51	ND 0.5
S037B1	13-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	21	ND 5.0	ND 5.0	ND 0.5	0.5	39	ND 0.5
S066A	7-Oct-83	REG	4.9	ND 1.0	ND 1.0	NT	NT	ND 1.0	6.7	ND 1.0	NT	1.7	NT	550	ND 1.0
S066A	10-Apr-85	REG	1.1	NT	NT	NT	NT	NT	NT	NT	NT	2.3	NT	630	NT
S066A	17-Apr-85	REG	0.9	NT	NT	NT	NT	NT	NT	NT	NT	2.6	NT	520	NT
S066A	2-May-85	REG	0.8	NT	NT	NT	NT	NT	NT	NT	NT	1.8	NT	450	NT
S066A	15-May-85	REG	1.1	NT	NT	NT	NT	NT	NT	NT	NT	2.4	NT	550	NT
S066A	22-May-85	REG	1.1	NT	NT	NT	NT	NT	NT	NT	NT	2.5	NT	630	NT
S066A	5-Jun-85	REG	1.3	NT	NT	NT	NT	NT	NT	NT	NT	2.4	NT	680	NT
S066A	12-Jun-85	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	2.2	NT	370	NT
S066A	19-Jun-85	REG	0.5	NT	NT	NT	NT	NT	NT	NT	NT	2.3	NT	380	NT
S066A	26-Jun-85	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	2.5	NT	450	NT
S066A	12-Jul-85	REG	0.8	NT	NT	NT	NT	NT	NT	NT	NT	2.2	NT	570	NT
S066A	17-Jul-85	REG	0.7	NT	NT	NT	NT	NT	NT	NT	NT	2.3	NT	490	NT
S066A	24-Jul-85	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	2.2	NT	420	NT
S066A	31-Jul-85	REG	0.9	NT	NT	NT	NT	NT	NT	NT	NT	2.7	NT	400	NT
S066A	20-Jul-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	0.7	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S066A	23-Jul-90	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066A	15-Oct-90	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066A	16-Oct-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	0.9	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S066A	5-Nov-90	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	406	NT
S066A	11-Feb-91	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	NT
S066A	8-Apr-91	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	260	NT
S066A	8-Jul-91	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	220	NT
S066A	14-Oct-91	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	140	NT
S066A	20-Jan-92	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	48	NT
S066A	13-Apr-92	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	163	NT
S066A	26-Jul-93	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066A	6-Mar-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	NT
S066A	30-May-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	170	NT
S066A	25-Jan-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	NT
S066A	3-Jun-96	FD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	170	NT
S066A	3-Jun-96	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	170	ND 10
S066A	12-Aug-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	140	NT
S066A	8-Oct-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	63	NT
S066A	10-Oct-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	63	ND 2.5
S066A	10-Apr-97	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	220	ND 5.0
S066A	8-Apr-98	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	160	ND 5.0
S066A	19-Jan-99	REG	ND 5.0	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 50	ND 5.0	ND 5.0	180	ND 5.0
S066A	9-Jun-99	REG	ND 5.0	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	160	ND 5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S066A	9-Sep-99	REG	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 10	ND 1.0	ND 1.0	130	ND 1.0
S066A	3-Oct-00	REG	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	94	ND 0.5
S066A	3-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	77	ND 0.5
S066A	1-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	0.6	ND 5.0	ND 5.0	ND 0.5	ND 0.5	91	ND 0.5
S066A	30-Oct-03	REG	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	0.7	ND 5.0	ND 5.0	ND 0.5	ND 0.5	64	ND 0.5
S066A	25-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 5.0	ND 5.0	ND 0.5	ND 0.5	65	ND 0.5
S066A	13-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 5.0	ND 5.0	ND 0.5	ND 0.5	49	ND 0.5
S066B1	7-Oct-83	REG	ND 1.0	ND 1.0	ND 1.0	NT	NT	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	19	ND 1.0
S066B1	10-Apr-85	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	1.4	NT
S066B1	17-Apr-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.4	NT
S066B1	2-May-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	ND 0.2	NT
S066B1	15-May-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.7	NT
S066B1	22-May-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.7	NT
S066B1	5-Jun-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.8	NT
S066B1	12-Jun-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.2	NT
S066B1	19-Jun-85	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.4	NT
S066B1	26-Jun-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.2	NT
S066B1	12-Jul-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	0.7	NT	ND 0.2	NT
S066B1	17-Jul-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.5	NT
S066B1	24-Jul-85	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.5	NT
S066B1	31-Jul-85	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.8	NT
S066B1	20-Jul-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	0.6	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S066B1	23-Jul-90	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	15-Oct-90	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	16-Oct-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	0.8	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S066B1	20-Oct-92	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.5	NT
S066B1	8-Feb-93	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	25-Oct-93	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	14-Feb-94	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	9-May-94	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.4	NT
S066B1	8-Aug-94	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	7-Nov-94	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.7	NT
S066B1	6-Mar-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.5	NT
S066B1	30-May-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	5-Sep-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	16-Oct-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.1	NT
S066B1	19-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	1.4	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.1	ND 0.5
S066B1	26-Jan-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	6-Jun-96	FD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.6	NT
S066B1	6-Jun-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.6	ND 0.5
S066B1	12-Aug-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	8-Oct-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT
S066B1	10-Oct-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	1.4	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S066B1	10-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.0	ND 0.5
S066B1	28-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	1.6	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S066B1	10-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	1.1	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S066B1	14-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.6	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S066B1	11-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLOROETHANE µg/l	1,1-DICHLOROETHANE µg/l	1,1-DICHLOROETHENE µg/l	1,2-DICHLOROBENZENE µg/l	1,2-DICHLOROETHANE µg/l	CHLOROFORM µg/l	CIS-1,2-DICHLOROETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRACHLOROETHENE µg/l	TRANS-1,2-DICHLOROETHENE µg/l	TRICHLOROETHENE µg/l	VINYL CHLORIDE µg/l
S066B1	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S066B1	29-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S066B1	25-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S066B1	7-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S102A	24-Feb-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	52	ND 2.0	NT	3.0	NT	590	ND 7.0
S102A	3-Mar-87	REG	ND 20	ND 20	ND 20	NT	ND 40	ND 20	ND 20	ND 40	NT	ND 20	NT	860	ND 40
S102A	5-Jun-87	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	1100	ND 25
S102A	19-Aug-87	REG	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	ND 50	NT	ND 50	NT	1300	ND 50
S102A	10-Nov-87	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	18	ND 10	NT	ND 10	NT	760	ND 10
S102A	29-Jan-88	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	910	ND 25
S102A	22-Apr-88	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	580	ND 25
S102A	22-Jul-88	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	640	ND 25
S102A	3-Nov-88	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	900	ND 25
S102A	8-Feb-89	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	1400	ND 25
S102A	3-May-89	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	550	ND 10
S102A	18-Aug-89	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	380	ND 10
S102A	23-Oct-89	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	ND 10	NT	ND 10	NT	520	ND 10
S102A	30-Jan-90	REG	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	ND 50	NT	ND 50	NT	710	ND 50
S102A	17-Apr-90	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	820	ND 25
S102A	20-Jul-90	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	460	ND 25
S102A	17-Oct-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	550	ND 10
S102A	18-Jan-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	15	ND 10	NT	ND 10	NT	500	ND 10
S102A	9-Apr-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	ND 10	NT	ND 10	NT	600	ND 10
S102A	10-Jul-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	13	ND 10	NT	ND 10	NT	600	ND 10
S102A	8-Oct-91	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	770	ND 10
S102A	8-Jan-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	580	ND 10
S102A	8-Apr-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	19	ND 10	NT	ND 10	NT	430	ND 10
S102A	8-Jul-92	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	ND 10	NT	ND 10	NT	440	ND 10
S102A	9-Oct-92	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	9.9	ND 5.0	NT	ND 5.0	NT	490	ND 5.0
S102A	22-Jan-93	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	540	ND 25
S102A	7-Apr-93	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	490	ND 10
S102A	8-Jul-93	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	540	ND 10
S102A	5-Oct-93	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	520	ND 10
S102A	4-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	12	ND 5.0	NT	ND 5.0	NT	450	ND 5.0
S102A	7-Jul-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	8.9	ND 5.0	NT	ND 5.0	NT	320	ND 5.0
S102A	1-May-95	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	7.2	ND 10	NT	ND 5.0	NT	320	ND 10
S102A	17-Oct-95	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	ND 10	NT	ND 10	NT	470	ND 10
S102A	10-Apr-96	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	110	ND 5.0
S102A	17-Oct-96	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	310	ND 10
S102A	14-Apr-97	REG	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	ND 25	NT	ND 25	NT	180	ND 25
S102A	24-Apr-98	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	330	ND 10
S102A	14-Sep-99	REG	4.3	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	14	ND 0.5	ND 0.5	2.2	ND 0.5	310	ND 0.5
S102A	14-Oct-00	FD	1.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	11	ND 8.3	ND 8.3	1.0	ND 0.8	220	ND 0.8
S102A	14-Oct-00	REG	1.4	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	10	ND 8.3	ND 8.3	1.0	ND 0.8	230	ND 0.8
S102A	9-Oct-01	FD	1.5	ND 0.5	0.7	ND 0.5	ND 0.5	ND 0.5	10	ND 5.0	ND 5.0	1.1	ND 0.5	250	ND 0.5
S102A	9-Oct-01	REG	1.4	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	9.7	ND 8.3	ND 8.3	1.0	ND 0.8	230	ND 0.8
S102A	18-Oct-02	REG	1.0	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	6.9	ND 7.1	ND 7.1	0.8	ND 0.7	280	ND 0.7
S102A	30-Oct-03	FD	1.8	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	9.4	ND 10	ND 10	1.1	ND 1.0	240	ND 1.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S102A	30-Oct-03	REG	1.7	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	9.7	ND 10	ND 10	1.0	ND 1.0	240	ND 1.0
S102A	28-Oct-04	FD	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	8.9	ND 13	ND 13	ND 1.3	ND 1.3	200	ND 1.3
S102A	28-Oct-04	REG	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	9.0	ND 10	ND 10	ND 1.0	ND 1.0	200	ND 1.0
S102A	18-Oct-05	FD	0.6	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	12	ND 5.0	ND 5.0	1.0	ND 0.5	200	ND 0.5
S102A	18-Oct-05	REG	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	11	ND 5.0	ND 5.0	1.0	ND 0.5	200	ND 0.5
S102B1	24-Feb-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	5.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	ND 2.0	ND 7.0
S102B1	3-Mar-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	ND 0.5	ND 1.0
S102B1	19-Jan-88	FD	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.5	ND 0.5
S102B1	19-Jan-88	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.4	ND 0.5
S102B1	9-Feb-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.8	ND 0.5
S102B1	27-Jan-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.1	ND 0.5
S102B1	16-Jan-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S102B1	7-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S102B1	21-Jan-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S102B1	4-Jan-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S102B1	27-Apr-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	ND 0.5	ND 1.0
S102B1	16-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S102B1	5-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.5	ND 0.5
S102B1	10-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S102B1	21-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S102B1	10-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S102B1	14-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S102B1	9-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S102B1	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S102B1	30-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S102B1	22-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S102B1	7-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S103A	24-Feb-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	6.0	NT	2.0	NT	160	ND 7.0
S103A	3-Mar-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 10	ND 5.0	ND 5.0	ND 10	NT	ND 5.0	NT	170	ND 10
S103A	18-Aug-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	240	ND 5.0
S103A	29-Jan-88	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.0	ND 2.5	NT	ND 2.5	NT	150	ND 2.5
S103A	22-Jul-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	130	ND 5.0
S103A	12-Feb-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	68	ND 2.5
S103A	18-Aug-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	52	ND 2.5
S103A	27-Jan-90	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	81	ND 2.5
S103A	18-Jul-90	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	65	ND 2.5
S103A	16-Jan-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	78	ND 2.5
S103A	10-Jul-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	100	ND 2.5
S103A	9-Jan-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	140	ND 2.5
S103A	8-Jul-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	120	ND 2.5
S103A	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	97	ND 5.0
S103A	7-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	150	ND 5.0
S103A	4-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	110	ND 5.0
S103A	6-Jul-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	87	ND 5.0
S103A	27-Apr-95	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 5.0	NT	ND 2.5	NT	110	ND 5.0
S103A	17-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.8	ND 0.5	NT	ND 0.5	NT	120	ND 0.5
S103A	9-Apr-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.9	ND 2.5	NT	ND 2.5	NT	110	ND 2.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S103A	14-Oct-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	100	ND 2.5
S103A	10-Apr-97	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	88	ND 1.0
S103A	24-Apr-98	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	42	ND 2.5
S103A	13-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	0.8	ND 0.5	56	ND 0.5
S103A	13-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.8	ND 0.5	39	ND 0.5
S103A	11-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.6	ND 0.5	26	ND 0.5
S103A	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.6	ND 0.5	29	ND 0.5
S103A	30-Oct-03	REG	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.8	ND 0.5	25	ND 0.5
S103A	27-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	25	ND 0.5
S103A	17-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.5	ND 0.5	21	ND 0.5
S104A	24-Feb-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	ND 2.0	ND 7.0
S104A	2-Mar-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	13	NT	ND 0.5	NT	ND 0.5	ND 1.0
S104A	22-Jan-88	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	9-Feb-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	14	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	26-Jan-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	20	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	16-Jan-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	8.6	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	10-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	16	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	22-Jan-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	13	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	13-Jan-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	11	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	27-Apr-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	7.4	NT	ND 0.5	NT	ND 0.5	ND 1.0
S104A	17-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	6.1	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	8-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	6.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	10-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	16	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	23-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	1.1	NT	ND 0.5	NT	ND 0.5	ND 0.5
S104A	10-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	2.1	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S105A	24-Feb-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	40	NT	ND 2.0	NT	ND 2.0	ND 7.0
S105A	3-Mar-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	7.7	NT	ND 0.5	NT	ND 0.5	ND 1.0
S105A	25-Jan-88	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	17	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	9-Feb-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	18	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	28-Jan-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	15	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	8-Jul-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	3.3	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	21-Jan-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	6.3	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	5-Jan-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	2.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	27-Apr-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	3.9	NT	ND 0.5	NT	ND 0.5	ND 1.0
S105A	17-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	4.2	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	8-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	3.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	10-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	7.0	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	21-Apr-98	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	51	ND 2.5
S105A	2-Oct-98	REG	ND 1.0	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S105A	10-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	2.6	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S105A	13-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S105A	11-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S105A	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S105A	29-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S105A	25-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	0.5	ND 0.5
S105A	13-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	0.5	ND 0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

Locus TECHNOLOGIES

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S106A	24-Feb-86	REG	10	ND 2.0	ND 2.0	NT	ND 2.0	3.0	18	ND 2.0	NT	5.0	NT	400	ND 7.0
S106A	3-Mar-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 10	ND 5.0	ND 5.0	ND 10	NT	ND 5.0	NT	330	ND 10
S106A	29-May-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	440	ND 5.0
S106A	18-Aug-87	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	15	ND 2.5	ND 2.5	NT	5.0	NT	170	ND 2.5
S106A	9-Nov-87	REG	ND 1.0	ND 1.0	ND 2.5	NT	ND 2.5	5.0	ND 1.0	ND 2.5	NT	2.0	NT	110	ND 2.5
S106A	29-Jan-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	230	ND 5.0
S106A	13-May-88	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	260	ND 10
S106A	22-Jul-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	250	ND 5.0
S106A	3-Nov-88	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	240	ND 10
S106A	12-Feb-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	210	ND 5.0
S106A	3-May-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	190	ND 5.0
S106A	17-Aug-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	150	ND 5.0
S106A	20-Oct-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	170	ND 5.0
S106A	29-Jan-90	REG	ND 12	ND 12	ND 12	NT	ND 12	ND 12	ND 12	ND 12	NT	ND 12	NT	180	ND 12
S106A	17-Apr-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	210	ND 10
S106A	19-Jul-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	81	NT	ND 10	NT	160	ND 10
S106A	17-Oct-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	160	ND 5.0
S106A	17-Jan-91	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	190	ND 5.0
S106A	9-Apr-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	200	ND 2.5
S106A	10-Jul-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.3	ND 2.5	NT	ND 2.5	NT	200	ND 2.5
S106A	8-Oct-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.2	ND 2.5	NT	ND 2.5	NT	270	ND 2.5
S106A	8-Jan-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	4.1	ND 2.5	NT	ND 2.5	NT	140	ND 2.5
S106A	7-Apr-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.3	ND 2.5	NT	ND 2.5	NT	160	ND 2.5
S106A	8-Jul-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	6.9	ND 2.5	NT	ND 2.5	NT	200	ND 2.5
S106A	9-Oct-92	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	2.4	ND 2.0	NT	ND 2.0	NT	190	ND 2.0
S106A	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	170	ND 5.0
S106A	7-Apr-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	140	ND 5.0
S106A	8-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	150	ND 5.0
S106A	5-Oct-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	210	ND 5.0
S106A	4-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	220	ND 5.0
S106A	6-Jul-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	190	ND 5.0
S106A	4-May-95	REG	ND 2.5	2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 5.0	NT	ND 2.5	NT	120	ND 5.0
S106A	17-Oct-95	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	4.5	ND 2.5	NT	ND 2.5	NT	160	ND 2.5
S106A	9-Apr-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	73	ND 2.5
S106A	17-Oct-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	74	ND 2.5
S106A	11-Apr-97	REG	3.0	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	73	ND 2.5
S106A	23-Apr-98	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5
S106A	14-Sep-99	FD	3.1	ND 0.5	0.7	ND 1.0	ND 0.5	1.2	12	ND 0.5	ND 0.5	1.9	ND 0.5	290	ND 0.5
S106A	14-Sep-99	REG	1.0	ND 0.5	ND 0.5	ND 1.0	ND 0.5	0.6	1.7	ND 0.5	ND 0.5	2.2	ND 0.5	97	ND 0.5
S106A	14-Oct-00	REG	2.3	ND 0.5	0.6	ND 0.5	1.4	ND 0.5	1.7	ND 5.0	ND 5.0	1.2	ND 0.5	120	ND 0.5
S106A	11-Oct-01	REG	1.9	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.7	ND 5.0	ND 5.0	1.2	ND 0.5	110	ND 0.5
S106A	18-Oct-02	REG	1.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.7	ND 5.0	ND 5.0	1.3	ND 0.5	190	ND 0.5
S106A	30-Oct-03	REG	1.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.6	ND 5.0	ND 5.0	1.4	ND 0.5	130	ND 0.5
S106A	28-Oct-04	REG	1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.7	ND 5.0	ND 5.0	1.1	ND 0.5	98	ND 0.5
S106A	18-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 5.0	ND 5.0	0.8	ND 0.5	81	ND 0.5
S107A	24-Mar-86	REG	6.0	ND 2.0	3.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	33	ND 7.0
S107A	3-Mar-87	REG	4.0	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	51	ND 1.0
S107A	17-Aug-87	REG	10	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	280	ND 5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S107A	29-Jan-88	REG	2.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	33	ND 1.0
S107A	22-Jul-88	REG	3.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	56	ND 1.0
S107A	12-Feb-89	REG	1.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	12	ND 0.5
S107A	18-Aug-89	REG	3.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	33	ND 1.0
S107A	27-Jan-90	REG	2.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	0.7	NT	24	ND 0.5
S107A	20-Jul-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.8	ND 5.0	ND 5.0	NT	ND 5.0	NT	18	ND 5.0
S107A	16-Jan-91	REG	2.0	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	1.1	NT	22	ND 0.5
S107A	9-Jul-91	REG	1.4	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	3.6	NT	20	ND 0.5
S107A	8-Jan-92	REG	1.1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	2.8	NT	14	ND 0.5
S107A	7-Jul-92	REG	1.2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	2.1	NT	18	ND 0.5
S107A	22-Jan-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.1	ND 0.5
S107A	7-Jul-93	REG	0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	2.2	NT	14	ND 0.5
S107A	5-Jan-94	REG	0.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	2.0	NT	15	ND 0.5
S107A	6-Jul-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	1.1	NT	11	ND 0.5
S107A	27-Apr-95	REG	ND 0.5	0.6	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	1.7	ND 1.0
S107A	16-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	2.1	NT	9.7	ND 0.5
S107A	8-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	0.8	NT	2.5	ND 0.5
S107A	11-Oct-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	1.2	NT	5.8	ND 0.5
S107A	10-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.3	ND 0.5
S107A	23-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	0.7	NT	7.8	ND 0.5
S107A	10-Sep-99	REG	0.7	0.6	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	1.1	ND 0.5	16	ND 0.5
S107A	13-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	1.0	ND 0.5	10	ND 0.5
S107A	10-Oct-01	REG	ND 0.5	ND 0.5	0.6	ND 0.5	ND 0.5	ND 0.5	0.8	ND 5.0	ND 5.0	0.8	ND 0.5	12	ND 0.5
S107A	17-Oct-02	REG	ND 0.5	1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5.0	ND 5.0	0.7	ND 0.5	11	ND 0.5
S107A	29-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	9.0	ND 0.5
S107A	26-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.8	ND 0.5	5.5	ND 0.5
S107A	13-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.6	ND 0.5	6.9	ND 0.5
S107B1	25-Sep-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	ND 2.0	ND 7.0
S107B1	16-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S107B1	5-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	24-Mar-86	REG	3.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	10	ND 7.0
S108A	3-Mar-87	REG	0.8	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	ND 0.5	ND 1.0
S108A	14-Aug-87	REG	3.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.4	ND 0.5
S108A	29-Jan-88	REG	2.2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	21-Jul-88	REG	1.4	ND 0.5	ND 0.5	NT	ND 0.5	1.4	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	9-Feb-89	REG	4.7	ND 0.5	ND 0.5	NT	ND 0.5	1.8	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	17-Aug-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	26-Jan-90	REG	1.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	16-Jul-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	16-Jan-91	REG	0.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	9-Jul-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	7-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	7-Jul-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	22-Jan-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	7-Jul-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	4-Jan-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108A	16-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S108A	5-Apr-96	REG	1.3	ND 0.5	ND 0.5	NT	ND 0.5	0.6	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108B1	25-Sep-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	2.0	NT	4.0	NT	ND 2.0	ND 7.0
S108B1	14-Feb-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.6	ND 0.5
S108B1	17-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.7	ND 0.5
S108B1	10-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S108B1	24-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S108B1	10-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S108B1	14-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S108B1	9-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S108B1	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	3.9	ND 0.5
S108B1	29-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	2.2	ND 0.5
S108B1	25-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S108B1	7-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S109A	8-May-86	REG	2.0	ND 2.0	ND 2.0	NT	ND 2.0	8.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	430	ND 7.0
S109A	3-Mar-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 10	ND 5.0	ND 5.0	ND 10	NT	ND 5.0	NT	280	ND 10
S109A	29-May-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	580	ND 5.0
S109A	18-Aug-87	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	550	ND 10
S109A	10-Nov-87	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	4.0	ND 2.5	ND 2.5	NT	ND 2.5	NT	240	ND 2.5
S109A	29-Jan-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	190	ND 5.0
S109A	22-Apr-88	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	40	ND 1.0
S109A	22-Jul-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	170	ND 5.0
S109A	3-Nov-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	230	ND 5.0
S109A	12-Feb-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	63	ND 2.5
S109A	3-May-89	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	140	ND 5.0
S109A	18-Aug-89	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	6.0	ND 1.0	NT	ND 1.0	NT	61	ND 1.0
S109A	20-Oct-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	3.0	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5
S109A	26-Jan-90	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5
S109A	17-Apr-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	120	ND 5.0
S109A	19-Jul-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	103	ND 5.0
S109A	16-Oct-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	100	ND 5.0
S109A	17-Jan-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S109A	9-Apr-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	16	NT	69	ND 0.5
S109A	9-Jul-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.5	ND 0.5	NT	3.7	NT	120	ND 0.5
S109A	8-Oct-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	170	ND 2.5
S109A	8-Jan-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	82	ND 2.5
S109A	7-Apr-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	1.2	NT	54	ND 0.5
S109A	7-Jul-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.7	ND 0.5	NT	1.3	NT	110	ND 0.5
S109A	8-Oct-92	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	77	ND 1.0
S109A	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	68	ND 5.0
S109A	7-Apr-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	7.3	NT	ND 5.0	NT	78	ND 5.0
S109A	7-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	140	ND 5.0
S109A	5-Oct-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	140	ND 5.0
S109A	4-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	140	ND 5.0
S109A	6-Jul-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	110	ND 5.0
S109A	27-Apr-95	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 5.0	NT	ND 2.5	NT	64	ND 5.0
S109A	17-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	59	ND 0.5
S109A	8-Apr-96	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	77	ND 5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1- TRICHLORO- ETHANE µg/l	1,1- DICHLORO- ETHANE µg/l	1,1- DICHLORO- ETHENE µg/l	1,2- DICHLORO- BENZENE µg/l	1,2- DICHLORO- ETHANE µg/l	CHLORO- FORM µg/l	CIS-1,2- DICHLORO- ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA- CHLORO- ETHENE µg/l	TRANS-1,2- DICHLORO- ETHENE µg/l	TRI- CHLORO- ETHENE µg/l	VINYL CHLORIDE µg/l
S109A	11-Oct-96	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	120	ND 5.0
S109A	11-Apr-97	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	ND 10	NT	ND 10	NT	110	ND 10
S109A	24-Apr-98	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	120	ND 5.0
S109A	13-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	0.9	ND 0.5	100	ND 0.5
S109A	14-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.6	ND 0.5	86	ND 0.5
S109A	10-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.5	ND 0.5	69	ND 0.5
S109A	18-Oct-02	FD	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.8	ND 0.5	ND 5.0	ND 5.0	0.6	ND 0.5	87	ND 0.5
S109A	18-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.8	ND 0.5	ND 5.0	ND 5.0	0.6	ND 0.5	89	ND 0.5
S109A	30-Oct-03	REG	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	0.7	ND 0.5	71	ND 0.5
S109A	27-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	58	ND 0.5
S109A	17-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	49	ND 0.5
S109B1	5-Jun-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	ND 2.0	ND 7.0
S109B1	27-Feb-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	ND 0.5	ND 1.0
S109B1	19-Jan-88	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S109B1	9-Feb-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S109B1	25-Jan-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S109B1	15-Jan-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S109B1	7-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S109B1	21-Jan-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S109B1	4-Jan-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S109B1	16-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	1.0	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S109B1	5-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	7-May-86	REG	7.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	35	ND 7.0
S110A	3-Mar-87	REG	0.9	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	1.4	ND 1.0
S110A	14-Aug-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	2.1	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.4	ND 0.5
S110A	29-Jan-88	REG	1.0	ND 0.5	ND 0.5	NT	ND 0.5	1.1	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.6	ND 0.5
S110A	21-Jul-88	REG	2.8	ND 0.5	ND 0.5	NT	ND 0.5	3.2	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	12-Feb-89	REG	4.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	0.8	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	17-Aug-89	REG	4.1	0.6	ND 0.5	NT	ND 0.5	0.7	ND 0.5	1.5	NT	ND 0.5	NT	0.6	ND 0.5
S110A	26-Jan-90	REG	0.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.7	ND 0.5
S110A	16-Jul-90	REG	0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	16-Jan-91	REG	0.9	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	9-Jul-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	7-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	7-Jul-92	REG	0.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	15-Mar-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	7-Jul-93	REG	0.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	4-Jan-94	REG	2.0	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	0.7	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	27-Apr-95	REG	1.0	0.6	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	ND 0.5	ND 1.0
S110A	17-Oct-95	REG	0.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	10-Apr-96	REG	0.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	10-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	21-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	9.5	ND 0.5
S110A	2-Oct-98	REG	ND 1.0	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S110A	14-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.6	ND 0.5
S110A	14-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	8.9	ND 0.5
S110A	11-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	5.4	ND 0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S110A	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	15	ND 0.5
S110A	29-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S110A	25-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	6.9	ND 0.5
S110A	13-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	17	ND 0.5
S112A	25-Sep-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	170	ND 7.0
S112A	3-Mar-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 10	ND 5.0	ND 5.0	ND 10	NT	ND 5.0	NT	150	ND 10
S112A	29-May-87	REG	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	ND 1.0	ND 1.0	ND 1.0	NT	ND 1.0	NT	140	ND 1.0
S112A	17-Aug-87	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	190	ND 5.0
S112A	18-Nov-87	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	74	ND 2.5
S112A	29-Jan-88	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S112A	21-Apr-88	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	75	ND 2.5
S112A	22-Jul-88	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	110	ND 5.0
S112A	3-Nov-88	REG	7.0	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S112A	9-Feb-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	48	ND 2.5
S112A	3-May-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	150	ND 2.5
S112A	17-Aug-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	88	ND 2.5
S112A	20-Oct-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	69	ND 2.5
S112A	26-Jan-90	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	95	ND 2.5
S112A	17-Apr-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	160	ND 5.0
S112A	18-Jul-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	73	ND 5.0
S112A	16-Oct-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	84	ND 0.5
S112A	17-Jan-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5
S112A	9-Apr-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	96	ND 2.5
S112A	10-Jul-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	120	ND 2.5
S112A	8-Oct-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	82	ND 0.5
S112A	9-Jan-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	100	ND 2.5
S112A	7-Apr-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5
S112A	8-Jul-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	120	ND 2.5
S112A	9-Oct-92	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	110	ND 2.0
S112A	15-Mar-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	92	ND 5.0
S112A	7-Apr-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	66	ND 5.0
S112A	7-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	110	ND 5.0
S112A	5-Oct-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	100	ND 5.0
S112A	5-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	110	ND 5.0
S112A	6-Jul-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	79	ND 5.0
S112A	19-May-95	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 5.0	NT	ND 2.5	NT	78	ND 5.0
S112A	17-Oct-95	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	77	ND 2.5
S112A	8-Apr-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	51	ND 2.5
S112A	11-Oct-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	37	ND 2.5
S112A	10-Apr-97	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	17	ND 2.5
S112A	24-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	16	ND 0.5
S112A	13-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	16	ND 0.5
S112A	13-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	11	ND 0.5
S112A	10-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	10	ND 0.5
S112A	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	10	ND 0.5
S112A	29-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	9.2	ND 0.5
S112A	26-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	7.5	ND 0.5
S112A	13-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	6.7	ND 0.5

Notes:

ND - denotes result was below the detection limit
NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S113B1	25-Sep-86	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	ND 2.0	ND 7.0
S113B1	27-Feb-87	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 1.0	ND 0.5	ND 0.5	ND 1.0	NT	ND 0.5	NT	ND 0.5	ND 1.0
S113B1	19-Jan-88	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S113B1	9-Feb-89	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S113B1	25-Jan-90	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S113B1	15-Jan-91	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S113B1	7-Jan-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S113B1	21-Jan-93	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S113B1	4-Jan-94	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S113B1	16-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S113B1	8-Apr-96	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S113B1	14-Apr-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S119A	1-May-87	REG	3.0	ND 2.0	ND 2.0	NT	ND 2.0	3.0	7.0	ND 2.0	NT	3.0	NT	310	ND 7.0
S119A	15-Jan-90	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	265	NT
S119A	9-Jul-90	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	199	NT
S119A	8-Oct-90	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	140	NT
S119A	11-Feb-91	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	180	NT
S119A	8-Apr-91	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	200	NT
S119A	8-Jul-91	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	NT
S119A	14-Oct-91	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	180	NT
S119A	20-Jan-92	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	NT
S119A	13-Apr-92	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	NT
S119A	20-Jul-92	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	180	NT
S119A	20-Oct-92	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	140	NT
S119A	8-Feb-93	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	NT
S119A	16-Feb-93	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	170	NT
S119A	19-Apr-93	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	130	NT
S119A	26-Jul-93	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	NT
S119A	25-Oct-93	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	NT
S119A	14-Feb-94	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	170	NT
S119A	9-May-94	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	140	NT
S119A	8-Aug-94	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	140	NT
S119A	7-Nov-94	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	240	NT
S119A	6-Mar-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	140	NT
S119A	30-May-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	111	NT
S119A	5-Sep-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	120	NT
S119A	9-Oct-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	130	NT
S119A	16-Oct-95	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	NT
S119A	19-Oct-95	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	150	ND 5.0
S119A	26-Jan-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	108	NT
S119A	22-Apr-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	NT
S119A	4-Jun-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	NT
S119A	12-Aug-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	NT
S119A	8-Oct-96	REG	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	130	NT
S119A	10-Oct-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	2.6	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S119A	8-Apr-98	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	180	ND 5.0
S119A	19-Jan-99	REG	ND 5.0	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 50	ND 5.0	ND 5.0	160	ND 5.0

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLOROETHANE µg/l	1,1-DICHLOROETHANE µg/l	1,1-DICHLOROETHENE µg/l	1,2-DICHLOROBENZENE µg/l	1,2-DICHLOROETHANE µg/l	CHLOROFORM µg/l	CIS-1,2-DICHLOROETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRACHLOROETHENE µg/l	TRANS-1,2-DICHLOROETHENE µg/l	TRICHLOROETHENE µg/l	VINYL CHLORIDE µg/l
S119A	9-Jun-99	REG	ND 5.0	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	130	ND 5.0
S119A	9-Sep-99	REG	ND 1.0	ND 1.0	ND 1.0	ND 2.0	ND 1.0	ND 1.0	1.0	ND 1.0	ND 10	1.0	ND 1.0	120	ND 1.0
S119A	3-Oct-00	REG	1.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	1.6	ND 5.0	ND 5.0	1.1	ND 0.5	110	ND 0.5
S119A	3-Oct-01	REG	1.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.2	ND 5.0	ND 5.0	1.0	ND 0.5	99	ND 0.5
S119A	1-Oct-02	REG	1.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.4	ND 5.0	ND 5.0	1.1	ND 0.5	130	ND 0.5
S119A	30-Oct-03	REG	1.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.4	ND 5.0	ND 5.0	1.1	ND 0.5	100	ND 0.5
S119A	25-Oct-04	REG	0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	1.2	ND 7.1	ND 7.1	1.2	ND 0.7	91	ND 0.7
S119A	13-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5.0	ND 5.0	0.8	ND 0.5	69	ND 0.5
S120A	30-Apr-87	REG	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	ND 2.0	ND 2.0	ND 2.0	NT	ND 2.0	NT	2.0	ND 7.0
S120A	25-Jan-88	FD	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	48	ND 2.5
S120A	25-Jan-88	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	54	ND 2.5
S120A	12-Feb-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	100	ND 2.5
S120A	17-Aug-89	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	130	ND 2.5
S120A	29-Jan-90	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	92	ND 5.0
S120A	19-Jul-90	REG	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	81	NT	ND 10	NT	72	ND 10
S120A	17-Jan-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	92	ND 2.5
S120A	10-Jul-91	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	100	ND 2.5
S120A	9-Jan-92	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	100	ND 2.5
S120A	7-Jul-92	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	15	ND 0.5
S120A	22-Jan-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	110	ND 5.0
S120A	8-Jul-93	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	150	ND 5.0
S120A	4-Jan-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	120	ND 5.0
S120A	6-Jul-94	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	110	ND 5.0
S120A	4-May-95	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	2.5	ND 5.0	NT	ND 2.5	NT	180	ND 5.0
S120A	18-Oct-95	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	0.6	3.1	ND 0.5	NT	4.2	NT	150	ND 0.5
S120A	10-Apr-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	27	ND 2.5
S120A	17-Oct-96	REG	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.6	ND 2.5	NT	2.9	NT	130	ND 2.5
S120A	14-Apr-97	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	76	ND 5.0
S120A	28-Apr-98	REG	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	ND 5.0	ND 5.0	ND 5.0	NT	ND 5.0	NT	120	ND 5.0
S120A	14-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	1.6	ND 0.5	ND 0.5	2.2	ND 0.5	88	ND 0.5
S120A	14-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.2	ND 5.0	ND 5.0	1.3	ND 0.5	83	ND 0.5
S120A	11-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	ND 5.0	ND 5.0	1.2	ND 0.5	64	ND 0.5
S120A	17-Oct-02	REG	0.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.0	ND 5.0	ND 5.0	1.1	ND 0.5	88	ND 0.5
S120A	29-Oct-03	REG	0.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.2	ND 5.0	ND 5.0	1.2	ND 0.5	70	ND 0.5
S120A	26-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.0	ND 5.0	ND 5.0	1.0	ND 0.5	62	ND 0.5
S120A	13-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	ND 5.0	ND 5.0	0.8	ND 0.5	54	ND 0.5
S155B1	24-Nov-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S155B1	24-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S155B1	10-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	0.6	ND 0.5
S155B1	16-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S155B1	9-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S155B1	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S155B1	29-Oct-03	REG	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S155B1	22-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S155B1	6-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S156B1	4-Dec-97	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	0.7	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
PHILIPS SEMICONDUCTORS
740 KIFER ROAD, SUNNYVALE, CALIFORNIA

Location	Date	Parameter Units Sample Purpose	1,1,1-TRICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHANE µg/l	1,1-DICHLORO-ETHENE µg/l	1,2-DICHLORO-BENZENE µg/l	1,2-DICHLORO-ETHANE µg/l	CHLORO-FORM µg/l	CIS-1,2-DICHLORO-ETHENE µg/l	FREON 113 µg/l	METHYLENE CHLORIDE µg/l	TETRA-CHLORO-ETHENE µg/l	TRANS-1,2-DICHLORO-ETHENE µg/l	TRI-CHLORO-ETHENE µg/l	VINYL CHLORIDE µg/l
S156B1	28-Apr-98	REG	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.3	ND 0.5
S156B1	10-Sep-99	REG	ND 0.5	ND 0.5	ND 0.5	ND 1.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S156B1	16-Oct-00	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S156B1	9-Oct-01	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S156B1	17-Oct-02	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S156B1	30-Oct-03	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S156B1	22-Oct-04	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S156B1	7-Oct-05	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5

Notes:

ND - denotes result was below the detection limit

NT - sample not tested for the given parameter

CITY OF SUNNYVALE
PUBLIC WORKS/SOLID WASTE DIVISION
Post Office Box 3707
Sunnyvale, CA 94088-3707

TRANSMITTAL

Project Summer/Fall 2001 Self-Monitoring Report Project No. ________ Date 11 / 28 / 01

To:
Attn: Tom Mohr
Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118-3686

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Bill Theyskens
Environmental Engineering Coordinator
Phone(408) 730-7718; FAX (408) 730-7286

Rev 1/95 PAS FORM 200

CITY OF SUNNYVALE CALIFORNIA

October 29, 2001

Mr. Cecil Felix
Associate Engineering Geologist
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject: Transmittal Letter –

Summer/Fall 2001
Self-Monitoring Report
Corrective Action Program
City of Sunnyvale Landfill

Dear Mr. Felix:

Enclosed please find the Summer/Fall Self-Monitoring Report for the City of Sunnyvale Landfill.

The subject report was prepared in accordance with Orders No. 89-105 and 93-113, California Code of Regulations Title 27, and the report *Corrective Action Program and Water Quality Monitoring Plan* (Brown, Vence & Associates, December 1995).

This *Summer/Fall Self-Monitoring Report* includes groundwater, surface water, and leachate elevation data for the second and third quarters of 2001, and groundwater and surface-water quality data for the third quarter of 2001.

Groundwater, surface-water, and leachate elevation data are obtained quarterly. Groundwater and surface-water quality data are obtained semiannually in the spring and fall. Leachate quality data are obtained annually in the spring.

This report was prepared under the supervision of a California Certified Engineering Geologist.

This report finds:

1. **Hydraulic capture of groundwater** beneath the landfill by sinks within the site continues to appear to be complete as described in the *Corrective Action Program and Water Quality Monitoring Plan.* This hydraulic capture is the basis for the Corrective Action Program at the landfill.
2. **Volatile organic compound (VOC) monitoring parameters** were reported by the laboratory at concentrations of greater than 5 ug/L in three out of thirteen groundwater

samples (two upgradient and one downgradient well samples). Individual VOC concentrations for the three samples were 1,1-dichloroethene at 11 ug/L from upgradient well G-8; trichloroethene at 11 ug/L from downgradient well G-28; and 1,1-dichloroethene at 5 ug/L from upgradient well G-22. The compounds detected above 5 ug/L and their concentrations are consistent with the results of previous quarters.

MtBE was detected at 0.8 ug/L in a sample from upgradient well G-7 and at 1.5 ug/L in a sample from downgradient well G-28. MtBE was detected at 1 ug/L in a sample from well G-28 in the spring of this year. MtBE was detected in a sample from well G-7 in the spring and fall of 2000 at 1 and 2 ug/L, respectively. MtBE was not detected in surface-water samples.

All reported concentrations are below applicable Water Quality Criteria (USEPA Ambient Water Quality Criteria for freshwater and saltwater aquatic life protection).

3. **No conditions of violation were observed** during monthly post-closure maintenance inspections during this reporting period.
4. **Postclosure Maintenance Improvements or repairs made during this reporting period** to maintain the landfill in compliance with regulations and to address Areas of Concern comments made in quarterly inspections by the Local Enforcement Agency (LEA) are listed beginning on page 5 of the subject report.

Please feel free to contact me at (408) 730-7421 if you have any questions. Under penalty of perjury, to the best of my knowledge this report is true, complete, and correct.

Very Truly Yours,

Mark Bowers,

Solid Waste Program Manager

Enclosure: 2001 Summer/Fall Semiannual Self-Monitoring Report

cc: Stan Chau, Santa Clara County Health Department
Lorrie Gervin, WPCP
Don Eisenberg, EOA
Rick Navarro, Raisch Products
Allen J. Lund, Lockheed/Martin Missiles and Space Company

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Summary

This report was prepared in accordance with Orders No. 89-105 and 93-113, California Code of Regulations Title 27, and the report *Corrective Action Program and Water Quality Monitoring Plan* (Brown, Vence & Associates, December 1995).

This *Summer/Fall Corrective Action Program Self-Monitoring Report* includes groundwater, surface water, and leachate elevation data for the second and third quarters of 2001, and groundwater and surface-water quality data for the third quarter of 2001.

This report finds:

1. **Hydraulic capture of groundwater** beneath the landfill by sinks within the site continues to appear to be complete as described in the *Corrective Action Program and Water Quality Monitoring Plan.* This hydraulic capture is the basis for the Corrective Action Program at the landfill.

2. **Volatile organic compound (VOC) monitoring parameters** were reported by the laboratory at concentrations of greater than 5 ug/L in three out of thirteen groundwater samples (two upgradient and one downgradient well samples). Individual VOC concentrations for the three samples were 1,1-dichloroethene at 11 ug/L from upgradient well G-8; trichloroethene at 11 ug/L from downgradient well G-28; and 1,1-dichloroethene at 5 ug/L from upgradient well G-22. The compounds detected above 5 ug/L and their concentrations are consistent with the results of previous quarters.

   Acetone was detected at 54 ug/L in a sample from downstream surface water monitoring point SWM-1. This detection is suspected to have been due to sampling or laboratory contamination because acetone is a common contaminant (Order 93-116, section 13(a)(5)).

   MtBE was detected at 0.8 ug/L in a sample from upgradient well G-7 and at 1.5 ug/L in a sample from downgradient well G-28. MtBE was detected at 1 ug/L in a sample from well G-28 in the spring of this year. MtBE was detected in a sample from well G-7 in the spring and fall of 2000 at 1 and 2 ug/L, respectively. MtBE was not detected in surface-water samples.

   All reported concentrations are below applicable Water Quality Criteria (USEPA Ambient Water Quality Criteria for freshwater and saltwater aquatic life protection).

3. **No conditions of violation were observed** during monthly post-closure maintenance inspections during this reporting period.

4. **Postclosure Maintenance Improvements or repairs made during this reporting period** to maintain the landfill in compliance with regulations and to address Areas of Concern comments made in quarterly inspections by the Local Enforcement Agency (LEA) are listed beginning on page 5.

Certification

All hydrogeologic information, conclusions, and recommendations in this report have been prepared and reviewed by the undersigned California Certified Engineering Geologist.

James S. Ulrick

James S. Ulrick
Engineering Geologist #1221
Principal Hydrogeologist
Ulrick & Associates

JAMES S. ULRICK
No. 1221
Exp. 5/03

Compliance Evaluation

This report was prepared in accordance with Orders No. 89-105 and 93-113, California Code of Regulations Title 27, and the report *Corrective Action Program and Water Quality Monitoring Plan* (CAP Report; Brown, Vence & Associates, December 1995).

This *Summer/Fall Self-Monitoring Report* includes groundwater, surface water, and leachate elevation data for the second and third quarters of 2001, and groundwater and surface-water quality data for the third quarter of 2001. Leachate quality is monitored annually during the first quarter of each year. Leachate quality results are reported in a *Winter/Spring Self-Monitoring Report.*

Groundwater Flow Direction and Rate (Order 93-113 §13(b)(4)(B)(1))

A map of the site and facilities is shown in Figure 1. Groundwater elevation contours for the second and third quarters of 2001 are shown in Figures 1 and 2, respectively. Groundwater, surface water, and leachate elevation data for the second and third quarters of 2001 are summarized in Tables 1 and 2, respectively.

Groundwater elevation data for the ten Lockheed/Martin monitoring wells located adjacent to the southwest corner of the landfill are no longer included in this report (Figures 2 and 3, and Tables 1 and 2). The Lockheed/Martin data are no longer included because the landfill is monitored in March, June, September, and December, whereas Lockheed/Martin is monitored by others in April and October.

The Lockheed/Martin wells are some of the wells which monitor the Lockheed/Martin Plant One Site groundwater extraction system (Figure 1). The Lockheed/Martin Plant One Site groundwater extraction system consists of eleven groundwater extraction wells, including wells EW-4 and EW-5 shown on Figure 1, with an average flow rate of 150 gallons per minute (11/17/94 through 1/13/95; *Annual Monitoring Report, January 1995, Lockheed Missiles and Space Company, Inc., Plant One Site, Sunnyvale, California* [McLaren/Hart, April 1995]). The system has been fully operational since March 1993.

As documented in previous reports, groundwater flow beneath the landfill appears to be influenced by surface water ditches, channels, and ponds; storm drain and sanitary sewer pipelines; and groundwater extraction wells. The surface water features appear to act as groundwater sources or sinks depending on their water level elevations relative to adjacent groundwater elevations. For a detailed evaluation of groundwater flow beneath the landfill, see *Corrective Action Program and Water Quality Monitoring Plan* (Brown, Vence & Associates, December 1995).

Groundwater sources appear to include Lockheed Channel, Moffett Channel, Cargill Salt Channel, City of Sunnyvale Water Pollution Control Plant (WPCP) secondary treatment pond #2 (and recirculation channel), West Sunnyvale Channel and Guadalupe Slough, Baylands Pump Station forebay, Cargill Salt Pond (north of the east half of the Landfill), and East Sunnyvale Channel (Figure 1).

Groundwater sinks appear to include sewer and storm-drain pipelines.

The East Hill Ditch surrounding the east and north sides of the East Hill appears to be a sink to offsite groundwater and a source to onsite groundwater (see CAP Report, Figure 5).

Hydraulic capture of groundwater beneath the landfill by sinks within the site continues to appear complete as described in the CAP report. This hydraulic capture is the basis for the Corrective Action Program at the landfill.

The 2000-2001 rainy season was characterized by slightly below average annual rainfall, as were the prior two years (see table below). The 2000-2001 rainy season started with substantially above average rainfall in October 2000, followed by substantially below average rainfall in November and December 2000. The remainder of the rainy season was near to above average. Monitoring events for this report occurred in late June and in mid September 2001.

Monthly Total Precipitation (inches)
San Jose, California

Water Year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1998	0.00	0.69	5.01	1.85	4.81	10.23	2.40	1.46	1.93	0.00	0.00	0.00	28.38
1999	0.05	0.60	1.77	0.72	3.25	2.88	2.69	1.56	0.02	0.14	0.14	0.00	13.82
2000	0.00	0.00	0.50	0.55	3.57	4.56	1.69	0.74	0.40	0.30	0.00	0.01	12.32
2001	0.12	2.16	0.44	0.31	2.87	4.44	1.71	1.48	0.00	0.13	0.00	0.00	13.66
2002	0.13	----	----	----	----	----	----	----	----	----	----	----	----
Ave.	0.20	0.73	1.73	2.28	3.06	2.53	2.30	1.07	0.39	0.09	0.04	0.08	14.50

Water Year is the ending year of the rainy season, e.g., the 2001 water year begins in the year 2000 and ends in the year 2001.

Shaded cells indicate months when water levels were measured for this report.

Source: Desert Research Institute, Western Regional Climate Center

Average onsite groundwater elevations decreased 0.47 feet during the second quarter of 2001 (see Table 1). This is a normal occurrence for the beginning of the dry season (June). Groundwater elevations for wells G-2 (between the east end of the Moffett and Lockheed channels) and G-4 (north of the East Hill, near the East Hill Ditch) are anomalous because they were inconsistent with nearby groundwater elevations.

Average onsite groundwater elevations increased 0.08 feet during the third quarter of 2001 (see Table 2).

Average interstitial groundwater flow rates range from 0.20 foot per day beneath the East Hill to 2 feet per day northwest and south of the WPCP (see Figures 2 and 3) as calculated by Darcy's Law:

$$V_i = Ki/n$$

where: K = hydraulic conductivity, 50 feet per day (BVA, December 1995)

i = hydraulic gradient, 0.0008 (1:1200, East Hill) to 0.0070 (1:140, northwest and south of the WPCP)

n = porosity, 0.20

Actual groundwater flow rates may vary from these average values due to heterogeneity and variations in hydraulic gradient, hydraulic conductivity, and effective porosity over the site.

Purging and Sampling Data (Order 93-113 §13(b)(4)(B)(2,3))

Groundwater and surface water were sampled by The IT Group on September 17, 18, and 19 for the third quarter of 2001. Groundwater was purged prior to sampling (Table 3 and Appendix A-1). Surface water was sampled with a Teflon bailer (Appendix A-1). Field parameters measured during sampling are included in Tables 4 and 5, and Appendix A-1.

A duplicate sample was taken at well G-8 and was labeled as sample X-DUP.

Surface water monitoring point SWM-3 was inadvertently omitted from sampling.

Purge water from groundwater sampling events is discharged into drums for temporary storage. The stored purge water, together with landfill gas condensate, is subsequently pumped into a vacuum truck and discharged to the South Bayside System Authority (SBSA) Waste Water Treatment Plant in Redwood City under an industrial waste discharge permit with that facility.

Laboratory Data (Order 93-113 §13(b)(4)(D))

Laboratory data are summarized in Tables 4 through 7. Complete laboratory reports are included in Appendix A-2 and Chain of Custody Reports are included in Appendix A-3.

Groundwater and surface water samples were analyzed for the monitoring parameters listed in the CAP report, which is based on Order 93-113.

Inorganic Parameters

Analyses for inorganic parameters are reported for samples of groundwater (Table 4) and surface water (Table 5). Reported values are consistent with previous analyses results.

Ammonia was detected at concentrations exceeding 1 mg/L at upgradient wells G-4 and G-11; and at downgradient well G-21. This is consistent with the prior sampling event. In all other wells, ammonia was either not detected or detected at less than 1 mg/L (Table 4).

Ammonia was detected at a concentration of less than 1 mg/L in surface-water sample SWM-1 (Table 5). Ammonia was not detected in surface-water sample SWM-2.

Reported total nitrogen concentrations for groundwater were less than 5 mg/L, except for upgradient wells G-4 (5 mg/L) and G-6 (16 mg/L) and downgradient well G-21 (10 mg/L; Table 4). These concentrations are consistent with previous results.

Reported total nitrogen concentrations for surface water were less than 5 mg/L (Table 5). These concentrations are consistent with previous results.

Reported total organic carbon (TOC) concentrations for groundwater and surface water were less than 10 mg/L with the exception of upgradient wells G-6 (10 mg/L), G-13 (17 mg/L), and G-15 (12 mg/L), and downgradient well G-21 (21 mg/L; Tables 4 and 5). These concentrations are consistent with previous results.

Volatile Organic Compounds by EPA Method 8260

Analyses for volatile organic compounds (VOCs) by EPA Method 8260 are reported for samples of groundwater (Table 6) and surface water (Table 7).

Volatile organic compound (VOC) monitoring parameters were reported by the laboratory at concentrations of greater than 5 ug/L in three out of thirteen groundwater samples (two upgradient and one downgradient well samples). Individual VOC concentrations for the three samples were 1,1-dichloroethene at 11 ug/L from upgradient well G-8; trichloroethene at 11 ug/L from downgradient well G-28; and 1,1-dichloroethene at 5 ug/L from upgradient well G-22. The compounds detected above 5 ug/L and their concentrations are consistent with the results of previous quarters.

Acetone was detected at 54 ug/L in a sample from downstream surface water monitoring point SWM-1. This detection is suspected to have been due to sampling or laboratory contamination because acetone is a common contaminant (Order 93-116, section 13(a)(5)).

MtBE was detected at 0.8 ug/L in a sample from upgradient well G-7 and at 1.5 ug/L in a sample from downgradient well G-28. MtBE was detected at 1 ug/L in a sample from well G-28 in the spring of this year. MtBE was detected in a sample from well

G-7 in the spring and fall of 2000 at 1 and 2 ug/L, respectively. MtBE was not detected in surface-water samples.

All reported concentrations are below applicable Water Quality Criteria (USEPA Ambient Water Quality Criteria for freshwater and saltwater aquatic life protection).

No VOCs were detected in method blanks. Methylene chloride was detected at a concentration of 1.2 ug/L in a trip blank, but was not detected in any field samples. Laboratory VOC surrogate recoveries were within acceptable limits.

Post-Closure Maintenance Inspection Reports (Order 93-113 §13(b)(4)(E))

Monthly Post-Closure Maintenance Inspection reports by City of Sunnyvale Solid Waste staff for the period from April 2001 through September 2001 are included as Appendix A-4. The approximate locations of the inspection points are shown in Figure 1. The local enforcement agency (LEA), which is the Santa Clara County Health Department also inspects the entire landfill quarterly.

No conditions of violation were observed during monthly post-closure maintenance inspections for this reporting period.

The following improvements or repairs were made to maintain the landfill in compliance with Title 27 CCR and to address Areas of Concern comments made in quarterly inspections by the LEA:

A. **Raisch concrete and asphalt recycling facility East Hill drainage and cover improvements.** A valve was added to the new 2-inch HDPE siphon drain, upstream of the filter, to allow cleaning of the in-line filter. A sampling port was also added to facilitate sampling. The water siphoned from the perched layer continues to be discharged to the sanitary sewer in accordance with the Industrial Waste Discharge Permit.

B. **Construction for future Yahoo! headquarters.** Construction of the new headquarters of Yahoo! Corporation, on the former Lockheed Property adjacent to the southwest corner of the West Hill, is ongoing.

   An entrance road to the new facility is still proposed for the bend in Caribbean Drive, south of the southwest corner of the West Hill. Preliminary drawings do not indicate refuse fill in this area. However, it is possible that a portion of the proposed road may be located on closed landfill surface. The developer has been notified that a revision to the Postclosure Maintenance Plan may be required for this construction, and that the proposed project, and any required revisions to the Postclosure Maintenance Plan, would likely require the review and approval of the LEA.

   Three new landfill gas perimeter probes are planned to be located west of the West Hill to ensure that landfill gas does not migrate off-site onto the new Yahoo! campus. Because the soil adjacent to the landfill in that area is swampy, the City proposes to install these probes on Yahoo! property adjacent to the landfill.

Permission from Yahoo! for installation, and subsequent monitoring of these probes has not yet been granted. The City could require permission for these probes as a condition for the construction of the proposed access road from Caribbean Drive to the Yahoo! facility.

C. **Vegetation Management.** Three plant species are prohibited from the surface of the landfill: Eucalyptus, Pampas Grass, and Coyote Grass. When detected, these plants were removed by the spot application of herbicide.

Due to the early onset of hot weather the West Hill was lightly irrigated with potable water in June. Reclaimed water will be used for irrigation beginning early next quarter.

Vegetation on the majority of the landfill was mowed by tractor for the year in early July to reduce the fire hazard. Vegetation proximate to burrowing owl mounds was not mowed, in accordance with the specifications of the City's burrowing owl consultant.

Vegetation on portions of the East Hill was subsequently managed by rented goats. The goats were contained in an area by portable solar-powered electric fences until the vegetation in that area was reduced to an acceptable level, then they were moved to a new area.

A small grass fire, apparently started by burning paper released from a garbage truck on Caribbean Drive, burned approximately two acres of dry grass on the South Hill on May 30. Fourteen of the large Eucalyptus trees along Caribbean Drive also were scorched and partially burned. Air temperatures were over 100 degrees Fahrenheit at the time the fire started. Raisch Products' water truck played a key role in putting out the fire by spraying water from the top of the hill. Aside from damage to the trees and grass, the aboveground portion of one PVC landfill gas well was melted at its base. No effects on the functioning of the landfill gas system or the power generation facility were observed. The City's landfill gas system maintenance contractor repaired the well pipe the following day.

D. **Burrowing owls.** At least four burrowing owls currently reside at the landfill, two of which are unbanded, new immigrants. The owls are starting to disperse for the winter months, looking for mates and habitats.

E. **Sludge Monofill Area.** Sludge has not been placed in the Sludge Monofill during this period. However, some sediment removed from the boat launch area was placed in the Sludge Monofill by WPCP personnel in accordance with a letter of approval from the RWQCB dated February 1999.

F. **Groundwater Monitoring.** Groundwater monitoring continues on schedule.

G. **Landfill Grading.** No grading was required during this reporting period.

H. **Iso-Settlement Maps.** In November 1999 aerial photographs were taken to allow generation of iso-settlement maps. Evaluation of the resulting data has not yet been performed, but is anticipated to be performed during the next quarter.

I. **Extensiometers/Inclinometers.** Extensiometer/inclinometers were monitored, and were discussed in SCS Engineers' Annual report.

J. **Perimeter Subsurface Landfill Gas Migration Monitoring.** Subsurface migration monitoring probes were monitored. Off-site migration of LFG was not detected.

K. **Onsite Structures Monitoring.** On-site structures were monitored for LFG intrusion. LFG intrusion was not detected.

L. **Landfill gas condensate collection return system.** Condensate from the LFG system is currently collected for offsite disposal (see p. 3). Occasional excess copper, zinc, phenols, and low pH preclude onsite discharge to the WPCP.

The City is reviewing a draft Design Basis Memo for a proposed landfill gas condensate and landfill leachate effluent treatment system that will allow the treated effluent to be discharged to the WPCP. The City anticipates that engineering design services will be solicited during the next quarter, assuming economic evaluation indicates an economic benefit compared to the current method of disposal.

M. **Landfill Gas System Activities Not Directly Related to Compliance with Title 27 CCR.**

The well/lateral connection at landfill gas well EW-18E loosened up during the original backfilling. The connection was redone, and the backfill carefully re-emplaced and compacted.

Approximately 15 feet of the lateral to landfill gas well EW-30W was excavated, as was the area surrounding the well. The well/lateral connection was lowered and a slope of greater than three percent was restored to the lateral.

Landfill gas well ET-2W was excavated and a poorly operating valve replaced, as well as a loose sampling port to header connection. The location of a 90-degree elbow in the lateral was located, which should allow us to find the location at which the shallow lateral drops vertically to the collection trench (mapped as being approximately 40 feet from the 90-degree elbow). The condition of this connection will be investigated next quarter.

The connection between the well head and the lateral at landfill gas well EW-3E was excavated, found to be offset somewhat, and repaired.

Landfill gas well EW-2E was excavated and a poor connection between the header and the well replaced. Preparations were made to "jump" leachate riser GR-7, which contains significant methane, to this well; this operation will be completed next quarter.

Landfill gas well EW-17E was excavated and sounded. This well was found to be bent/kinked significantly at approximately 8.5 feet below ground surface (bgs) and blocked at 18.5 feet bgs. It is scheduled to be replaced next quarter.

Using a down-hole camera, landfill gas wells EW-16E and EW-16W were found to be damaged at depth. They are scheduled to be replaced next quarter.

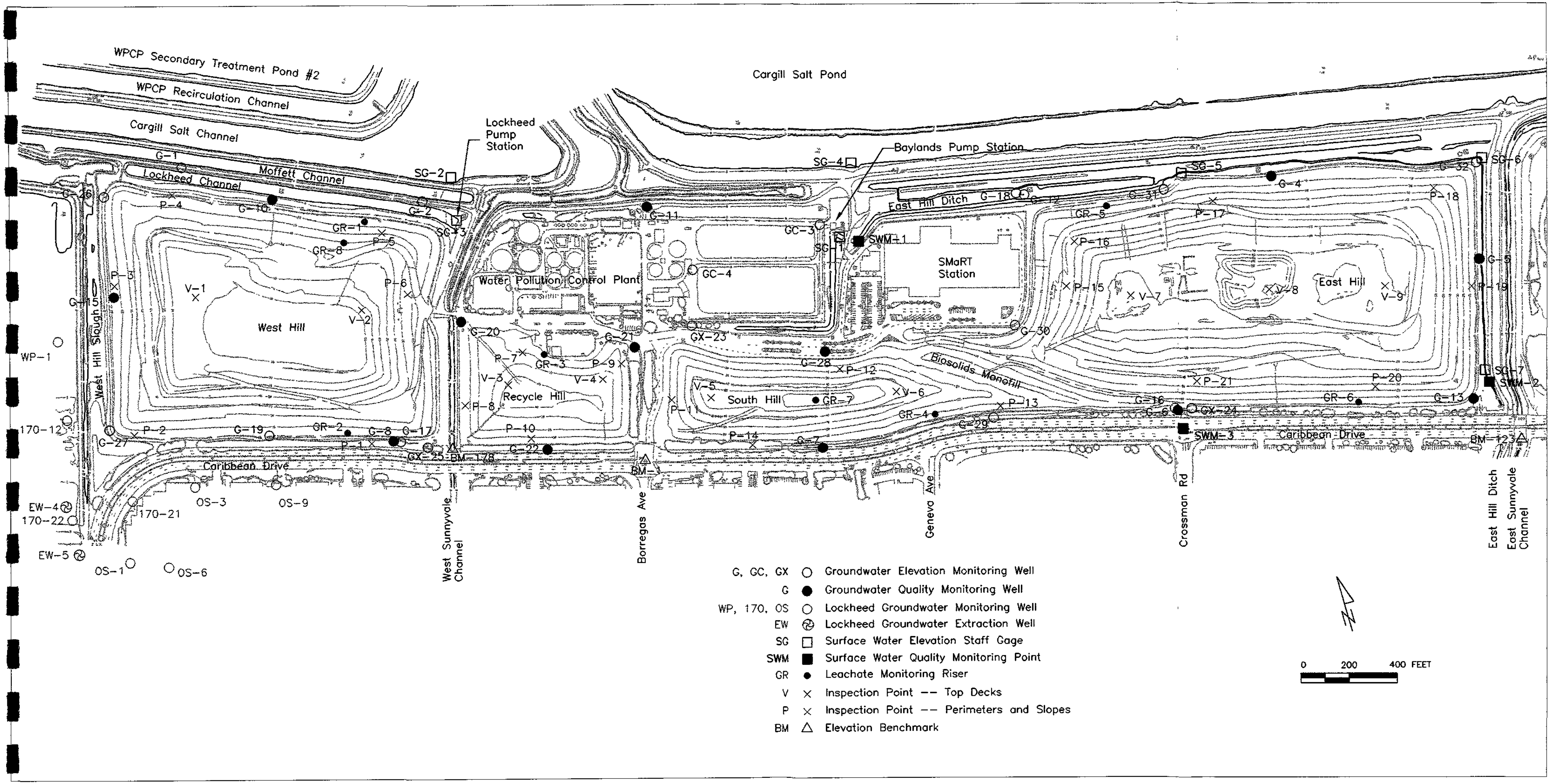
The landfill gas system is routinely adjusted at least twice monthly for the purpose of optimizing methane concentrations, minimizing oxygen concentrations, maintaining negative pressures at LFG wells, and maintaining methane gas concentrations below regulatory limits at the landfill perimeter probes.

The landfill gas collection system continues to be operated by consultants/contractors under City management. This system is installed and operated in compliance with the Bay Area Air Quality Management District regulations.

No other regulatory areas of concern were observed during monthly post-closure maintenance inspections for the term of this report.

Waste Placement and Type (Order 93-113 §13(b)(4)(F))

Waste disposal at the landfill ceased in September 1993. Final closure of the landfill was completed in September 1994. The waste stream formerly delivered to the landfill is now delivered to the Sunnyvale Materials Recovery and Transfer (SMaRT®) Station located in the east-central area of the Landfill. Non-recovered refuse is compacted into long haul trailers and transported to the Kirby Canyon Landfill in south San Jose for land filling.



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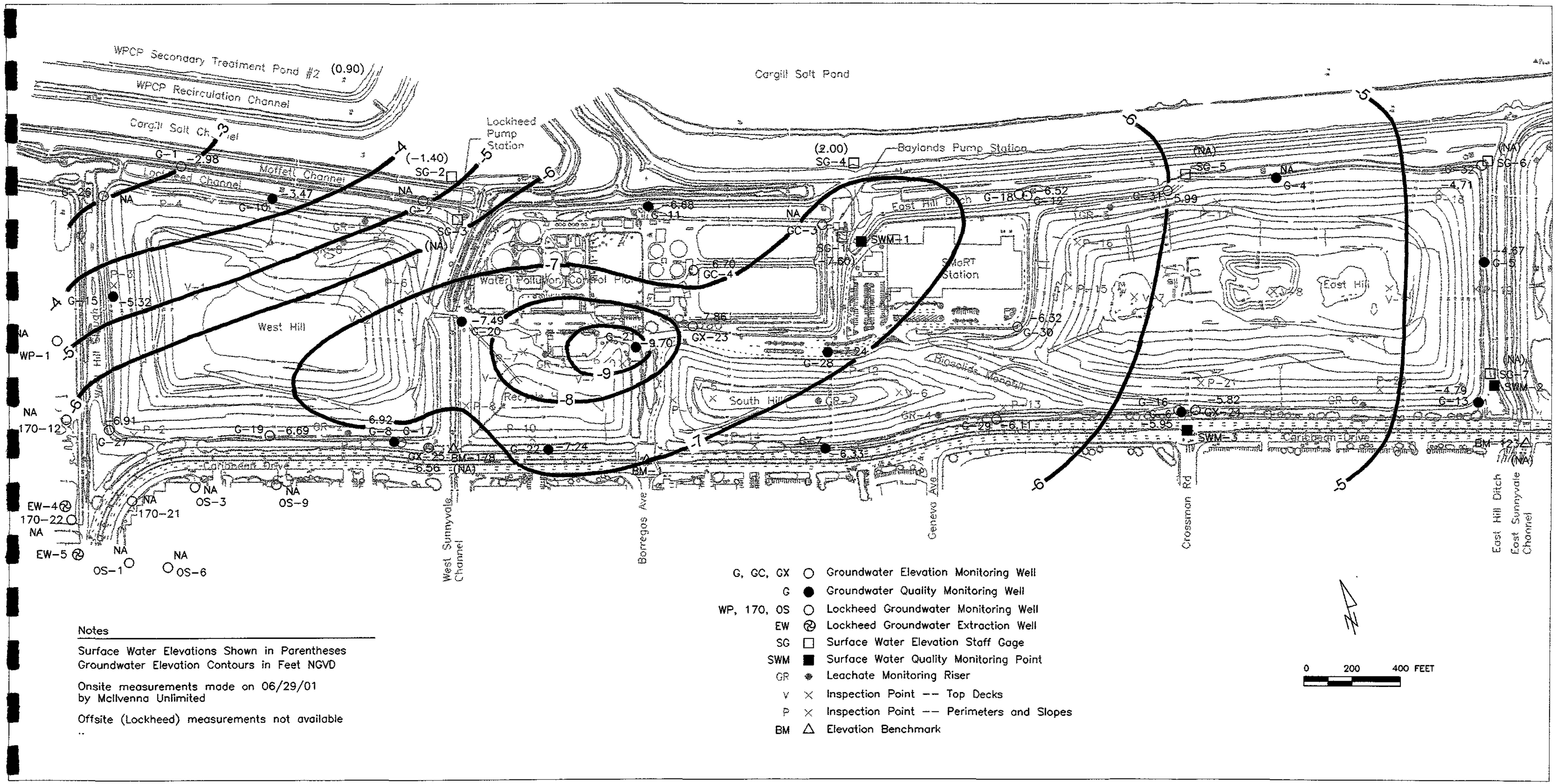
CITY OF SUNNYVALE LANDFILL
Corrective Action Program
Self-Monitoring Report

SITE MAP

Figure
1

05/07/99



Notes

Surface Water Elevations Shown in Parentheses
Groundwater Elevation Contours in Feet NGVD

Onsite measurements made on 06/29/01
by McIlvenna Unlimited

Offsite (Lockheed) measurements not available

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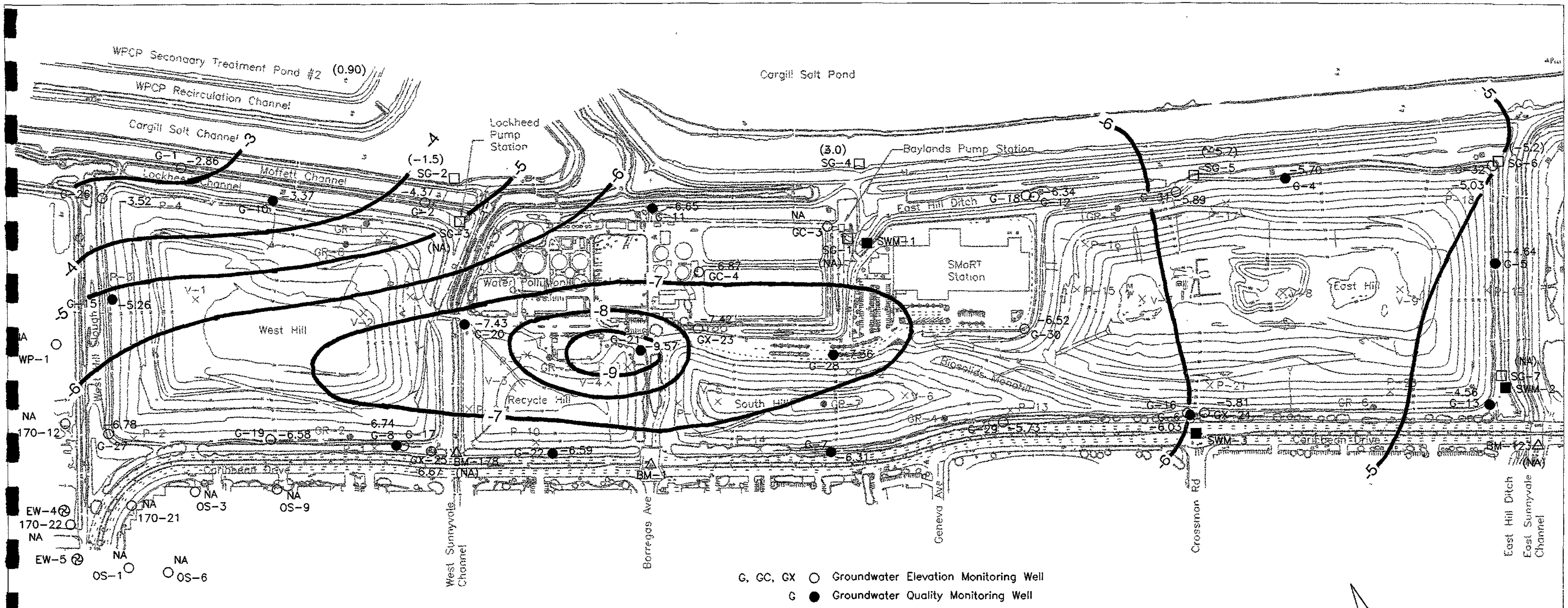
Self-Monitoring Report

GROUNDWATER ELEVATION CONTOUR MAP
Second Quarter 2001

Figure
2

10/10/01



Notes

Surface Water Elevations Shown in Parentheses
Groundwater Elevation Contours in Feet NGVD

Onsite measurements made on 09/17/01
by IT Group

Offsite (Lockheed) measurements not available

G, GC, GX	○	Groundwater Elevation Monitoring Well
G	●	Groundwater Quality Monitoring Well
WP, 170, OS	○	Lockheed Groundwater Monitoring Well
EW	⊘	Lockheed Groundwater Extraction Well
SG	☐	Surface Water Elevation Staff Gage
SWM	■	Surface Water Quality Monitoring Point
GR	●	Leachate Monitoring Riser
V	×	Inspection Point -- Top Decks
P	×	Inspection Point -- Perimeters and Slopes
BM	△	Elevation Benchmark

0 200 400 FEET

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Corrective Action Program
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GROUNDWATER ELEVATION CONTOUR MAP
Third Quarter 2001

Figure
3

10/11/01

Table 1
Groundwater, Surface-Water, and Leachate Elevations
Second Quarter 2001

Well Number	Date Measured	Datum Elevation, Feet NGVD (1)	Depth to Water, Feet	Groundwater Elevation, Feet NGVD	Elevation Change From Previous Quarter
On-Site Groundwater Elevations					
G-1	06/29/01	2.05	5.03	-2.98	-0.57
G-2	06/29/01	2.49	4.85	-2.36	-0.57
G-4	06/29/01	-2.43	1.90	-4.33	0.09
G-5	06/29/01	-2.69	1.98	-4.67	-0.99
G-6	06/29/01	2.73	8.68	-5.95	-0.83
G-7	06/29/01	1.48	7.81	-6.33	-0.23
G-8	06/29/01	5.05	11.97	-6.92	-0.27
G-10	06/29/01	12.45	15.92	-3.47	-0.39
G-11	06/29/01	10.39	17.07	-6.68	0.11
G-12	06/29/01	-1.33	5.19	-6.52	-0.99
G-13	06/29/01	1.71	6.50	-4.79	-0.73
G-15	06/29/01	11.74	17.06	-5.32	-0.81
G-16 (2)	06/29/01	2.23	8.10	-5.87	-0.82
G-17 (2,3)	06/29/01	5.37	12.15	-6.78	-0.26
G-18 (2)	06/29/01	-1.40	5.16	-6.56	-0.96
G-19	06/29/01	9.01	15.70	-6.69	-0.23
G-20	06/29/01	6.55	14.04	-7.49	-0.39
G-21	06/29/01	6.41	16.11	-9.70	-0.47
G-22	06/29/01	0.87	8.11	-7.24	-0.67
GX-23 (7)	06/29/01	-2.27	5.59	-7.86	-0.34
GX-24 (7)	06/29/01	0.44	6.26	-5.82	0.06
GX-25 (7)	06/29/01	4.55	11.11	-6.56	-0.08
G-26 (8)	06/29/01	10.78	NA	NA	NA
G-27	06/29/01	8.74	15.65	-6.91	-0.55
G-28	06/29/01	3.16	10.40	-7.24	-0.40
G-29	06/29/01	2.79	8.90	-6.11	-0.60
G-30	06/29/01	5.41	11.73	-6.32	-0.23
G-31	06/29/01	6.92	12.91	-5.99	-0.66
G-32	06/29/01	3.97	8.68	-4.71	-0.88
GC-3 (9)	06/29/01	6.30	NA	NA	NA
GC-4	06/29/01	6.56	13.26	-6.70	-0.11
On-Site Groundwater Average Change (upper shallow zone depth interval)					-0.47
Off-Site Groundwater Elevations (4)					
Adjustment (4)				0.13	
170-12	NA	2.30	NA	NA	NA
170-21	NA	-0.47	NA	NA	NA
170-22	NA	1.62	NA	NA	NA
OS-1	NA	1.50	NA	NA	NA
OS-3	NA	0.75	NA	NA	NA
OS-6	NA	1.45	NA	NA	NA
OS-9	NA	1.55	NA	NA	NA
WP-1	NA	-1.59	NA	NA	NA
Off-Site Groundwater Average Change					NA

Table 1
Groundwater, Surface-Water, and Leachate Elevations
Second Quarter 2001

Leachate or Surface Water Monitoring Point	Date Measured	Datum Elevation, Feet NGVD	Gage Height or Depth to Water, Feet	Leachate or Surface Water Elevation, Feet NGVD	Elevation Change From Previous Semi-Annual (9)
Surface Water Elevations					
SG-1	06/29/01	-8.00	0.40	-7.60	1.10
SG-2	06/29/01	-3.50	2.10	-1.40	0.40
SG-3 (5)	06/29/01	-3.50	NA	NA	NA
SG-4	06/29/01	1.00	1.00	2.00	1.18
SG-5 (5)	06/29/01	-8.70	NA	NA	NA
SG-6 (5)	06/29/01	-7.20	NA	NA	NA
SG-7 (5)	06/29/01	-6.70	NA	NA	NA
at BM-178	06/29/01	7.75	NA	NA	NA
at BM-123	06/29/01	9.12	NA	NA	NA
Pond #2 (6)	Operational	NA	NA	0.90	NA
Surface Water Average Change (staff gages only)					NA
Leachate Elevations					
GR-1	06/29/01	16.23	19.69	-3.46	-0.12
GR-2	06/29/01	11.90	Dry	NA	NA
GR-3	06/29/01	9.33	17.00	-7.67	-0.02
GR-4	06/29/01	7.73	15.81	-8.08	-0.11
GR-5	06/29/01	6.98	11.80	-4.82	0.00
GR-6	06/29/01	10.96	16.05	-5.09	-0.10
GR-7	06/29/01	54.75	62.98	-8.23	-0.93
GR-8	06/29/01	54.46	57.69	-3.23	-0.10
Leachate Average Change					-0.20

NA -- data not available

All measurements by McIlvenna Unlimited, except offsite wells by Cameron-Cole.

NGVD -- National Geodetic Vertical Datum of 1929 (approximately equal to mean sea level)

Shaded lines have anomalous groundwater elevations.

1. Existing wells, newly-installed wells, and staff gages surveyed 9/13, 9/29, and 10/9/95 by Kier & Wright for the City. The following selected wells and benchmarks resurveyed 01/11/01 by Mission Engineers: G-1, G-2, G-5, G-6, G-7, G-8, G-10, G-11, G-12, G-13, G-15, G-16, G-18, BM-33, BM-34, BM-123, BM-178.
2. Wells G-16, G-17, and G-18 are completed in the lower shallow zone depth interval (-25 to -60 feet NGVD);
   Remaining wells are completed in the upper shallow zone interval (0 to -25 feet NGVD).
3. Top of casing elevation for well G-17 adjusted by subtracting 1.35 feet from surveyed top of protective pipe.
4. Beginning in 2001, offsite water level measurements by Cameron-Cole semiannually in mid-April and mid-October.
   Adjustment is difference from Lockheed datum elevation at well OS-3 surveyed by Kier & Wright on 10/09/95.
5. Staff gage damaged or covered with algae.
6. *Operational water level reported for WPCP Secondary Pond #2.*
7. The pumps in extraction wells GX-24 and GX-25 were turned off permanantly on August 13, 1996.
   Well GX-23 does not have a pump.
8. Casing obstructed.
9. Well GC-3 buried under gravel.

Table 2
Groundwater, Surface-Water, and Leachate Elevations
Third Quarter 2001

Well Number	Date Measured	Datum Elevation, Feet NGVD (1)	Depth to Water, Feet	Groundwater Elevation, Feet NGVD	Elevation Change From Previous Quarter
On-Site Groundwater Elevations					
G-1	09/17/01	2.05	4.91	-2.86	0.12
G-2	09/17/01	2.49	6.86	-4.37	-2.01
G-4	09/17/01	-2.43	3.27	-5.70	-1.37
G-5	09/17/01	-2.69	1.95	-4.64	0.03
G-6	09/17/01	2.73	8.76	-6.03	-0.08
G-7	09/17/01	1.48	7.79	-6.31	0.02
G-8	09/17/01	5.05	11.79	-6.74	0.18
G-10	09/17/01	12.45	15.82	-3.37	0.10
G-11	09/17/01	10.39	17.04	-6.65	0.03
G-12	09/17/01	-1.33	5.01	-6.34	0.18
G-13	09/17/01	1.71	6.27	-4.56	0.23
G-15	09/17/01	11.74	17.00	-5.26	0.06
G-16 (2)	09/17/01	2.23	8.00	-5.77	0.10
G-17 (2,3)	09/17/01	5.37	12.00	-6.63	0.15
G-18 (2)	09/17/01	-1.40	4.98	-6.38	0.18
G-19	09/17/01	9.01	15.59	-6.58	0.11
G-20	09/17/01	6.55	13.98	-7.43	0.06
G-21	09/17/01	6.41	15.98	-9.57	0.13
G-22	09/17/01	0.87	7.46	-6.59	0.65
GX-23 (7)	09/17/01	-2.27	5.15	-7.42	0.44
GX-24 (7)	09/17/01	0.44	6.25	-5.81	0.01
GX-25 (7)	09/17/01	4.55	11.22	-6.67	-0.11
G-26 (8)	09/17/01	10.78	14.30	-3.52	NA
G-27	09/17/01	8.74	15.52	-6.78	0.13
G-28	09/17/01	3.16	10.52	-7.36	-0.12
G-29	09/17/01	2.79	8.52	-5.73	0.38
G-30	09/17/01	5.41	11.93	-6.52	-0.20
G-31	09/17/01	6.92	12.81	-5.89	0.10
G-32	09/17/01	3.97	9.00	-5.03	-0.32
GC-3 (9)	09/17/01	6.30	NA	NA	NA
GC-4	09/17/01	6.56	13.43	-6.87	-0.17
On-Site Groundwater Average Change (upper shallow zone depth interval)					0.08
Off-Site Groundwater Elevations (4)					
Adjustment (4)				0.13	
170-12	NA	2.30	NA	NA	NA
170-21	NA	-0.47	NA	NA	NA
170-22	NA	1.62	NA	NA	NA
OS-1	NA	1.50	NA	NA	NA
OS-3	NA	0.75	NA	NA	NA
OS-6	NA	1.45	NA	NA	NA
OS-9	NA	1.55	NA	NA	NA
WP-1	NA	-1.59	NA	NA	NA
Off-Site Groundwater Average Change					NA

Table 2
Groundwater, Surface-Water, and Leachate Elevations
Third Quarter 2001

Leachate or Surface Water Monitoring Point	Date Measured	Datum Elevation, Feet NGVD	Gage Height or Depth to Water, Feet	Leachate or Surface Water Elevation, Feet NGVD	Elevation Change From Previous Semi-Annual (9)
Surface Water Elevations					
SG-1 (5)	09/17/01	-8.00	NA	NA	NA
SG-2	09/17/01	-3.50	2.00	-1.50	0.10
SG-3 (5)	09/17/01	-3.50	NA	NA	NA
SG-4	09/17/01	1.00	2.00	3.00	-1.00
SG-5	09/17/01	-8.70	3.00	-5.70	NA
SG-6	09/17/01	-7.20	2.00	-5.20	NA
SG-7 (5)	09/17/01	-6.70	NA	NA	NA
at BM-178	09/17/01	7.75	NA	NA	NA
at BM-123	09/17/01	9.12	NA	NA	NA
Pond #2 (6)	Operational	NA	NA	0.90	NA
Surface Water Average Change (*staff gages only*)					NA
Leachate Elevations					
GR-1	09/17/01	16.23	19.49	-3.26	0.20
GR-2	09/17/01	11.90	Dry	NA	NA
GR-3	09/17/01	9.33	16.91	-7.58	0.09
GR-4	09/17/01	7.73	15.90	-8.17	-0.09
GR-5	09/17/01	6.98	11.65	-4.67	0.15
GR-6	09/17/01	10.96	16.22	-5.26	-0.17
GR-7	09/17/01	54.75	62.06	-7.31	0.92
GR-8	09/17/01	54.46	56.73	-2.27	0.96
Leachate Average Change					0.29

NA -- data not available

All measurements by The IT Group, except offsite wells by Cameron-Cole.

NGVD -- National Geodetic Vertical Datum of 1929 (approximately equal to mean sea level)

Shaded lines have anomalous groundwater elevations.

1. Existing wells, newly-installed wells, and staff gages surveyed 9/13, 9/29, and 10/9/95 by Kier & Wright for the City. The following selected wells and benchmarks resurveyed 01/11/01 by Mission Engineers: G-1, G-2, G-5, G-6, G-7, G-8, G-10, G-11, G-12, G-13, G-15, G-16, G-18, BM-33, BM-34, BM-123, BM-178.
2. Wells G-16, G-17, and G-18 are completed in the lower shallow zone depth interval (-25 to -60 feet NGVD); Remaining wells are completed in the upper shallow zone interval (0 to -25 feet NGVD).
3. Top of casing elevation for well G-17 adjusted by subtracting 1.35 feet from surveyed top of protective pipe.
4. Beginning in 2001, offsite water level measurements by Cameron-Cole semiannually in mid-April and mid-October. Adjustment is difference from Lockheed datum elevation at well OS-3 surveyed by Kier & Wright on 10/09/95.
5. Staff gage damaged or covered with algae.
6. Operational water level reported for WPCP Secondary Pond #2.
7. The pumps in extraction wells GX-24 and GX-25 were turned off permanantly on August 13, 1996. Well GX-23 does not have a pump.
8. Casing obstructed.
9. Well GC-3 buried under gravel.

Table 3
Groundwater Purging and Sampling Data

Well I.D. Date Sampled	G-4 09/18/01	G-5 09/19/01	G-6 09/18/01	G-7 09/19/01	G-8 09/18/01	G-10 09/18/01	G-11 09/19/01	G-13 09/17/01	G-15 09/18/01
PURGING									
Depth to Bottom of Casing (feet)	20.9	20.8	18.9	24.5	24.6	36.3	27.4	17.8	24.6
Depth to Water (feet)	2.80	2.00	8.84	7.85	11.88	15.84	17.37	6.54	17.22
Available Drawdown (feet)	18.10	18.80	10.01	16.60	12.67	20.46	10.03	11.26	7.33
Well Diameter (in.)	2.00	2.00	4.00	2.00	4.00	4.00	4.00	4.00	4.00
Estimated purge volume (gallons)	17.7	18.4	19.6	16.3	24.8	40.1	19.6	22.1	14.4
Purging Device	PVC Bailer	Submers. Pump	Submers. Pump	Submers. Pump	Submers. Pump	Submers. Pump	Submers. Pump	Submers. Pump	Submers. Pump
Depth of purge intake (feet)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Actual Purge Volume (gallons)	18.0	18.8	20.0	16.5	25.0	40.0	20.0	22.5	14.5
Purging Time (minutes)	26	15	29	15	16	16	21	11	11
SAMPLING									
Sampling Device	Disposable Poly Bailer	Teflon Bailer	Teflon Bailer	Teflon Bailer	Teflon Bailer	Teflon Bailer	Teflon Bailer	Teflon Bailer	Teflon Bailer
Sampling Depth (feet)	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA Not applicable
All purging and sampling by The IT Group.
Estimated purge volume is 3 4-inch casing volumes or 6 2-inch casing volumes.

Table 3
Groundwater Purging and Sampling Data

Well I.D.	G-20	G-21	G-22	G-28
Date Sampled	09/18/01	09/19/01	09/19/01	09/18/01
PURGING				
Depth to Bottom of Casing (feet)	24.3	27.0	27.4	29.9
Depth to Water (feet)	13.99	16.07	7.67	10.37
Available Drawdown (feet)	10.26	10.88	19.68	19.51
Well Diameter (in.)	2.00	2.00	2.00	2.00
Estimated purge volume (gallons)	10.0	10.7	19.3	19.1
Purging Device	PVC Bailer	Submers. Pump	Submers. Pump	PVC Bailer
Depth of purge intake (feet)	NA	NA	NA	NA
Actual Purge Volume (gallons)	10.5	11.0	19.5	19.5
Purging Time (minutes)	17	8	15	19
SAMPLING				
Sampling Device	Disposable Poly Bailer	Teflon Bailer	Teflon Bailer	Disposable Poly Bailer
Sampling Depth (feet)	NA	NA	NA	NA

Table 4
Inorganic Quality Analyses Summary: Groundwater

Well I.D.	MDL	G-4 Upgradient	G-5 Upgradient	G-6 Upgradient	G-7 Upgradient	G-8 Upgradient	Duplicate G-8 Upgradient	G-10 Upgradient	G-11 Upgradient	G-13 Upgradient
Turbidity (field, NTU)	1	>200	677	131	209	13	13	13	88	14
Specific Conductance (field, umhos/cm)	10	90,000	61,460	30,150	1,569	2,393	2,393	46,880	54,470	13,990
pH (field)		6.7	6.4	6.5	7.2	7.3	7.3	6.7	7.1	7.2
pH (laboratory)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	0.2 to 4	3	7	10	8	2	2	4	5	17
Ammonia Nitrogen	0.1	2.6	0.3	ND	0.1	ND	ND	ND	1.7	ND
Organic Nitrogen	Calculated	2.8	1.1	0.9	0.5	0.2	0.2	1.7	1.1	1.0
Total Kjeldahl Nitrogen	0.1	5.4	1.4	0.9	0.6	0.2	0.2	1.7	2.8	1.0
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate+Nitrite Nitrogen	0.2	ND	1.6	15.0	2.6	2.0	2.4	0.3	1.6	2.8
Total Nitrogen	Calculated	5	3	16	3	2	3	2	4	4

Table 4
Inorganic Quality Analyses Summary: Groundwater

Well I.D.	MDL	G-15 Upgradient	G-20 Dngradient	G-21 Dngradient	G-22 Upgradient	G-26 Dngradient
Turbidity (field, NTU)	1	168	25	314	71	>200
Specific Conductance (field, umhos/cm)	10	14,210	1,296	3,272	2,251	56,150
pH (field)		6.8	7.3	7.2	7.1	6.5
pH (laboratory)	NA	NA	NA	NA	NA	NA
Total Organic Carbon	0.2 to 4	12	3	21	6	9
Ammonia Nitrogen	0.1	0.6	ND	3.3	0.1	0.3
Organic Nitrogen	Calculated	0.4	0.2	2.0	0.5	1.1
Total Kjeldahl Nitrogen	0.1	1.0	0.2	5.3	0.6	1.4
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA
Nitrate+Nitrite Nitrogen	0.2	ND	0.2	4.6	1.9	ND
Total Nitrogen	Calculated	1	0	10	3	1

All concentrations are mg/l except where noted.

Samples collected between 09/17/01 and 09/19/01 by The IT Group.

All laboratory analyses by Caltest Analytical Laboratory, except Total Organic Carbon by Columbia Analytical Services or BSK Analytical Laboratories.

Organic Nitrogen is equal to Total Kjeldahl Nitrogen minus Ammonia Nitrogen.

Total Nitrogen is the rounded sum of Total Kjeldahl Nitrogen and Nitrate plus Nitrite Nitrogen.

Table 5
Inorganic Quality Analyses Summary: Surface Water

Surface Water Monitoring Point	MDL	SWM-1 Downgradient	SWM-2 Upgradient	SWM-3 Upgradient
Turbidity (field, NTU)	1	558	30	NA
Specific Conductance (field, umhos/cm)	10	9,159	1,664	NA
pH (field)		7.8	7.7	NA
pH (laboratory)	NA	NA	NA	NA
Total Organic Carbon	0.5	8	5	NA
Ammonia Nitrogen	0.1	0.4	ND	NA
Organic Nitrogen	Calculated	1.1	0.7	NA
Total Kjeldahl Nitrogen	0.1	1.5	0.7	NA
Nitrate Nitrogen	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA
Nitrate+Nitrite Nitrogen	0.2	2.1	3.4	NA
Total Nitrogen	Calculated	4	4	NA

All concentrations are mg/l except where noted.

Samples collected 09/19/01 by The IT Group.

All laboratory analyses by Caltest Analytical Laboratory, except Total Organic Carbon by Columbia Analytical Services or BSK Analytical Laboratories.

Organic Nitrogen is equal to Total Kjeldahl Nitrogen minus Ammonia Nitrogen.

Total Nitrogen is the rounded sum of Total Kjeldahl Nitrogen and Nitrate plus Nitrite Nitrogen.

Table 6
Volatile Organic Compounds by EPA Method 8260
Groundwater Quality Analyses Summary

Monitoring Point	Constituent	Reported Concentration ug/L	Reporting Limit , ug/l
G-4 Up	1,3- dichlorobenzene	0.6	0.5
	1,4- dichlorobenzene	2.2	0.5
	1,2,4- trichlorobenzene	2.7	2.0
	trichloroethene (TCE)	3.2	0.5
G-5 Up	none	NA	0.5 to 2
G-6 Up	tetrachloroethene (PCE)	2.1	0.5
	trichloroethene (TCE)	0.8	0.5
G-7 Up	methyl tert-butyl ether (MtBE)	0.8	0.5
G-8 Up	1,1- dichloroethane	3.6	0.5
	1,1- dichloroethene	11.0	0.5
	1,1,1- trichloroethane (TCA)	2.2	0.5
	trichloroethene (TCE)	2.9	0.5
G-8 Up Duplicate	1,1- dichloroethane	3.5	0.5
	1,1- dichloroethene	12.0	0.5
	1,1,1- trichloroethane (TCA)	2.2	0.5
	trichloroethene (TCE)	2.9	0.5
G-10 Up	none	NA	0.5 to 2
G-11 Up	none	NA	0.5 to 2
G-13 Up	none	NA	0.5 to 2
G-15 Up	none	NA	0.5 to 2
G-20 Dn	chloroform	0.5	0.5
	1,1- dichloroethene	0.6	0.5
	tetrachloroethene (PCE)	0.7	0.5
G-21 Dn	vinyl chloride	1.2	0.5
	1,1- dichloroethane	2.3	0.5
G-22 Up	1,1- dichloroethane	0.8	0.5
	1,1- dichloroethene	5.3	0.5
	1,1,1- trichloroethane (TCA)	1.3	0.5
	trichloroethene (TCE)	2.0	0.5
G-28 Dn	cis-1,2- dichloroethene	2.1	0.5
	methyl tert-butyl ether (MtBE)	1.5	0.5
	tetrachloroethene (PCE)	3.8	0.5
	trichloroethene (TCE)	11.0	0.5

Table 6
Volatile Organic Compounds by EPA Method 8260
Groundwater Quality Analyses Summary

Notes:

Up	Upward gradient monitoring well.
Dn	Downward gradient monitoring well.

Shaded constituents are possible laboratory contaminants because they were detected in a laboratory method blank sample.

Samples collected between 09/17/01 and 09/19/01 by The IT Group.

All laboratory analyses by Columbia Analytical Services.

All detections for this Method and sample period are listed above.

Table 7
Volatile Organic Compounds by EPA Method 8260
Surface Water Quality Analyses Summary

Monitoring Point	Constituent	Reported Concentration ug/L	Reporting Limit ug/l
SWM-1 Dn	acetone	54	20
	1,4- dichlorobenzene	0.6	0.5
SWM-2 Up	chloroform	0.6	0.5
SWM-3 Up	not sampled	NA	NA

Up	Upstream monitoring point.
Dn	Downstream monitoring point.

Samples collected 09/19/01 by The IT Group.

All laboratory analyses by Columbia Analytical Services.

IT CORPORATION - SACRAMENTO
GROUNDWATER SAMPLING AND ANALYSIS REQUEST FORM

PROJECT NAME : City of Sunnyvale Landfill
ADDRESS: Sunnyvale, California
SCHEDULED DATE: September 2001

SPECIAL INSTRUCTIONS / CONSIDERATIONS :
3rd Quarter 2001 Ground Water Sampling.
Standard 3-Casing Volume Purge. for 4" wells
6-casing volume for 2" well.

Levels conducted prior ??

Purge rate: 1 gal/min or less for 2" AND 2 gal/min or less for 4".
Purge water to be disposed of at City-designated sump.

Project Manager: **Jon Freedman**
San Jose: **408-453-7300**
Project No.: **830692**
Cost Code: **01000000**

Originals to: **Jon Freedman**
cc:

Well Lock Number(s)

Site Contact:

Well Number or Source	Casing Diameter (inches)	Casing Length (feet)	Depth to Water (feet)	ANALYSES REQUESTED
G-4✓	2.0	19.5	1.30	**For all wells and surface water:**
G-5	2.0	19.6	0.70	**TOC**
G-6✓	4.0	15.3	10.80	**Nitrate + Nitrite as Nitrogen**
G-7'	2.0	24.2	7.70	**Total Nitrogen**
G-8✓	4.0	26.1	13.40	**TKN**
G-10✓	4.0	37.2	16.80	**Ammonia**
G-11✓	4.0	28.0	17.50	**VOCs by 8260 including MTBE**
~~G-12~~	~~4.0~~	~~33.5~~	~~5.40~~	
G-13✓	4.0	17.7	6.90	? ?
G-15✓	4.0	26.4	18.90	
G-20✓	2.0	24.7	14.10	**Field Measurements:**
G-21	2.0	27.2	15.50	**pH, EC, Temp, DO, Turbidity, ORP**
G-22'	2.0	27.4	7.60	
G-28✓	2.0	29.0	10.30	**Field Measurements for surface water only:**
SWM-1	SURFACE	WATER		**PH, EC, Turbidity**
SWM-2	↓	↓		
NS ~~SWM-3~~?				EC, PH, TURBIDITY

3 HCl VOA
1 H_2SO_4 VOA
1 H_2SO_4 plastic
1 NP plastic

6 TOTAL

Laboratory (address, phone, contact and QC instructions) :

Todd Albertson - Phone: 707.258.4000

1 Dup
Trip Blank ~~Equipment Blank~~

Completed 9/19/01
Steve Giacomini
Juan Avila

Rev. 1/97

IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : G-4
PURGED BY : Steve Giacomin
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : ↓
LOCATION : Sunnyvale, California

TYPE: Groundwater [✓] Surface Water ____ Leachate ____ Other ____
CASING DIAMETER (inches): 2 [✓] 3 ____ 4 ____ 4.5 ____ 6 ____ Other ____

CASING ELEVATION (feet/MSL) : ____
VOLUME IN CASING (gal.) : 3.0
DEPTH OF WELL (feet) : 20.94
CALCULATED PURGE (gal.) : ~~3~~ 17.8
DEPTH TO WATER (feet) : 2.80
ACTUAL PURGE VOL. (gal.) : 18.0

DATE PURGED : 9/18/01
END PURGE : 1543
DATE SAMPLED : 9/18/01
SAMPLING TIME : 1550

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (~~µmhos/cm@25°c~~)	TEMPERATURE (~~°F~~) °C	COLOR (visual)	TURBIDITY (visual)
1527	3	6.65	53.26 mS	18.6	grey	high
1531	6	6.62	78.77 mS	18.9	↓	↓
1534	9	6.60	84.48 mS	18.6		
1537	12	6.60	82.15 mS	19.3		
1540	15	6.57	85.92	18.9		
1543	18	6.68	85.93 mS	19.1		
					/ (COBALT 0-100)	>200 (NTU 0-200)

wa
4

OTHER: ____ ODOR: light

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : /

PURGING EQUIPMENT

____ 2" Bladder Pump
____ Centrifugal Pump
____ Submersible Pump
____ Well WizardÔ
____ Bailer (Teflon)
[✓] Bailer (PVC)
____ Bailer (Stainless Steel)
____ Dedicated

Other: ____

SAMPLING EQUIPMENT

____ 2" Bladder Pump
____ Bomb Sampler
____ Dipper
____ Well WizardÔ
[✓] Bailer (~~Teflon~~) poly dispo
____ Bailer (Stainless Steel)
____ Submersible Pump
____ Dedicated

Other: ____

WELL INTEGRITY: Good
LOCK: ✓

REMARKS: ____

pH, E.C., Temp. Meter Calibration: Date see 6-28 Time: ____ Meter Serial No.: ____
E.C. 1000 ____ / ____ pH 7 ____ / ____ pH 10 ____ / ____ pH 4 ____ / ____
Temperature °F ____

SIGNATURE: Sm
REVIEWED BY: ____
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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : 6-5
PURGED BY : [illegible]
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : [illegible]
LOCATION : Sunnyvale, California

TYPE: Groundwater ✓ Surface Water ___ Leachate ___ Other ___
CASING DIAMETER (inches): 2 ✓ 3 ___ 4 ___ 4.5 ___ 6 ___ Other ___

CASING ELEVATION (feet/MSL) : na
VOLUME IN CASING (gal.) : 3.06
DEPTH OF WELL (feet) : 20.8
CALCULATED PURGE (gal.) : 18.38
DEPTH TO WATER (feet) : 2.0
ACTUAL PURGE VOL. (gal.) : 18.5

DATE PURGED : 9-19-01
END PURGE : 1456
DATE SAMPLED : 9-19-01
SAMPLING TIME : 1500

w/wo?

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1441	3.5	6.29	61.34	23.6	grey	heavy
1445	7.0	6.38	61.86	20.7	grey	cloudy
1448	10.5	6.36	61.60	20.4	clear	cloudy
1451	14.0	6.39	61.50	20.7	clear	cloudy
1457	17.5	6.38	61.48	20.4	clear	cloudy
1456	18.5	6.43	61.46	20.3	clear	clear

OTHER: na
ODOR: None
(COBALT 0-100): na
(NTU 0-200): 677 — w/o 12

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : na

PURGING EQUIPMENT

___ 2" Bladder Pump
✓ Centrifugal Pump
✓ Submersible Pump
___ Well WizardÔ
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated
Other: ___

SAMPLING EQUIPMENT

___ 2" Bladder Pump
___ Bomb Sampler
___ Dipper
___ Well WizardÔ
✓ Bailer (Teflon)
___ Bailer (Stainless Steel)
___ Submersible Pump
___ Dedicated
Other: ___

WELL INTEGRITY: ok
LOCK: ok
REMARKS: all sample taken

pH, E.C., Temp. Meter Calibration: Date: ___ Time: 6 : // Meter Serial No.: ___
E.C. 1000 ___ pH 7 ___ pH 10 / pH 4 /
Temperature °F ___
SIGNATURE: ___ REVIEWED BY: ___ PAGE 2 OF 15

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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 /01000000
SAMPLE ID : G-6
PURGED BY : J. Alvis
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : J. Alvis
LOCATION : Sunnyvale, California

TYPE: Groundwater ✓ Surface Water ___ Leachate ___ Other ___
CASING DIAMETER (inches): 2 ___ 3 ___ 4 ✓ 4.5 ___ 6 ___ Other ___

CASING ELEVATION (feet/MSL) : NA
DEPTH OF WELL (feet) : 13.85
was 13.9
DEPTH TO WATER (feet) : 8.84
VOLUME IN CASING (gal.) : 6.53
CALCULATED PURGE (gal.) : 19.6
ACTUAL PURGE VOL. (gal.) : 20.0

DATE PURGED : 9-18-01
END PURGE : 1640
DATE SAMPLED : 9-18-01
SAMPLING TIME : 1650

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c) umhos	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1627	7.0	6.42	2847	72.1	grey	heavy
1634	14.0	6.43	30.25	72.3	grey	cloudy
1640	20.0	6.47	30.15	72.1	grey	cloudy

OTHER: NA
ODOR: None
NA (COBALT 0-100)
131 (NTU 0-200)
was 10

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : NA

PURGING EQUIPMENT

___	2" Bladder Pump	___	Bailer (Teflon)
✓	Centrifugal Pump	___	Bailer (PVC)
✓	Submersible Pump	___	Bailer (Stainless Steel)
___	Well WizardÔ	___	Dedicated

Other:

SAMPLING EQUIPMENT

___	2" Bladder Pump	✓	Bailer (Teflon)
___	Bomb Sampler	___	Bailer (Stainless Steel)
___	Dipper	___	Submersible Pump
___	Well WizardÔ	___	Dedicated

Other:

WELL INTEGRITY: ok
LOCK: Slip
REMARKS: Was sampled thru

G-8

pH, E.C., Temp. Meter Calibration: Date: Time: Meter Serial No.:
E.C. 1000 ___ / pH 7 ___ pH 10 ___ / pH 4 ___ /
Temperature °F

SIGNATURE: REVIEWED BY: PAGE 3 OF 15

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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : S-7
PURGED BY : [illegible]
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : [illegible]
LOCATION : Sunnyvale, California

TYPE: Groundwater ✓ Surface Water ___ Leachate ___ Other ___
CASING DIAMETER (inches): 2 ✓ 3 ___ 4 ___ 4.5 ___ 6 ___ Other ___

CASING ELEVATION (feet/MSL) : NA
VOLUME IN CASING (gal.) : 2.70
DEPTH OF WELL (feet) : 24.45
CALCULATED PURGE (gal.) : 16.23
DEPTH TO WATER (feet) : 7.95
ACTUAL PURGE VOL. (gal.) : 16.5

DATE PURGED : 9-19-01
END PURGE : 1144
DATE SAMPLED : 9-19-01
SAMPLING TIME : 1200

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1129	3.0	7.31	[illegible]	23.6	clear	clear
1132	6.0	7.12	1575	23.7	clear	clear
1135	9.0	7.11	1572	23.8	clear	clear
1138	12.0	7.12	1574	23.7	clear	clear
1141	15.0	7.19	1571	24.0	clear	clear
1144	16.5	7.19	1569	24.1	clear	clear

OTHER: NA
ODOR: none
NA (COBALT 0-100)
209 — was 0 (NTU 0-200)

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : NA

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ 2" Bladder Pump	___ Bailer (Teflon)	___ 2" Bladder Pump	✓ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Bomb Sampler	___ Bailer (Stainless Steel)
✓ Submersible Pump	___ Bailer (Stainless Steel)	___ Dipper	___ Submersible Pump
___ Well WizardÔ	___ Dedicated	___ Well WizardÔ	___ Dedicated
Other:		Other:	

WELL INTEGRITY: ok
LOCK: ok

REMARKS: No Sample [illegible]

pH, E.C., Temp. Meter Calibration: Date: ___ Time: ___ Meter Serial No.: ___
E.C. 1000 ___ / ___ pH 7 ___ / ___ pH 10 ___ / ___ pH 4 ___ / ___
Temperature °F ___

SIGNATURE: ___ REVIEWED BY: ___ PAGE 4 OF 15

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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : G-8
PURGED BY : J. Adler
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : J. Adler
LOCATION : Sunnyvale, California

TYPE: Groundwater ✓ Surface Water ____ Leachate ____ Other ____
CASING DIAMETER (inches): 2 ____ 3 ____ 4 ✓ 4.5 ____ 6 ____ Other ____

CASING ELEVATION (feet/MSL) : NK
VOLUME IN CASING (gal.) : 8.27
DEPTH OF WELL (feet) : 24.55
CALCULATED PURGE (gal.) : 24.83
DEPTH TO WATER (feet) : 11.88
ACTUAL PURGE VOL. (gal.) : 25.0

DATE PURGED : 9-18-01
END PURGE : 1147
DATE SAMPLED : 9-18-01
SAMPLING TIME : ____

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1131	8.50	6.91	2392	20.8	clear	clear
1139	17.0	7.02	2405	21.0	clear	clear
1147	25.0	7.08	2395	21.1	clear	clear

OTHER: NK
ODOR: none
NF (COBALT 0-100)
12.9 (NTU 0-200)

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : X-DUP-1

PURGING EQUIPMENT

____ 2" Bladder Pump
____ Centrifugal Pump
✓ Submersible Pump
____ Well WizardÔ
____ Bailer (Teflon)
____ Bailer (PVC)
____ Bailer (Stainless Steel)
____ Dedicated
Other: ____

SAMPLING EQUIPMENT

____ 2" Bladder Pump
____ Bomb Sampler
____ Dipper
____ Well WizardÔ
✓ Bailer (Teflon)
____ Bailer (Stainless Steel)
____ Submersible Pump
____ Dedicated
Other: ____

WELL INTEGRITY: ok
LOCK: slip
REMARKS: An samples taken

pH, E.C., Temp. Meter Calibration: Date: 9-18-01 Time: ____ Meter Serial No.: 8M
E.C. 1000 / 1000 pH 7 7.07 / 7.00 pH 10 10.04 / 10.00 pH 4 3.99 / 4.00
Temperature °F ____
SIGNATURE ____
REVIEWED BY: ____
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Rev. 1/97

IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
PURGED BY : J. Mur
SAMPLED BY : J. Mu

SAMPLE ID : G-10
CLIENT NAME : City of Sunnyvale Landfill
LOCATION : Sunnyvale, California

TYPE: [✓ Groundwater] Surface Water ___ Leachate ___ Other ___
CASING DIAMETER (inches): 2 ___ 3 ___ [✓ 4] 4.5 ___ 6 ___ Other ___

CASING ELEVATION (feet/MSL) : NA
DEPTH OF WELL (feet) : 36.3
DEPTH TO WATER (feet) : 15.84

VOLUME IN CASING (gal.) : 13.33
CALCULATED PURGE (gal.) : 40.00
ACTUAL PURGE VOL. (gal.) : 40.00

DATE PURGED : 9/18/01
DATE SAMPLED : 9-18-01
END PURGE : 1423
SAMPLING TIME : 1440

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c) umhos	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1407	13.50	6.58	[illegible].05	206	clr	clr
1415	27.0	6.62	46.98	20.2	clr	clr
1423	40.0	6.65	46.88	20.2	clr	clr

OTHER: NA
ODOR: none
NA (COBALT 0-100)
13.1 (NTU 0-200)

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : NA

PURGING EQUIPMENT

___ 2" Bladder Pump
[✓ Centrifugal Pump]
___ Submersible Pump
___ Well WizardÔ
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated
Other:

SAMPLING EQUIPMENT

___ 2" Bladder Pump
___ Bomb Sampler
___ Dipper
___ Well WizardÔ
[✓ Bailer (Teflon)]
___ Bailer (Stainless Steel)
___ Submersible Pump
___ Dedicated
Other:

WELL INTEGRITY: ok
LOCK: S.P
REMARKS: All Samples tkn

pH, E.C., Temp. Meter Calibration: Date: ___ Time: ___ Meter Serial No.: ___
E.C. 1000 ___ / ___ pH 7 ___ / ___ pH 10 ___ / ___ pH 4 ___ / ___
Temperature °F ___
SIGNATURE: ___ REVIEWED BY: ___ PAGE 6 OF 15

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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000

SAMPLE ID : 6-11

PURGED BY : [illegible]

CLIENT NAME : City of Sunnyvale Landfill

SAMPLED BY : [illegible]

LOCATION : Sunnyvale, California

TYPE: Groundwater ✓ Surface Water ___ Leachate ___ Other ___

CASING DIAMETER (inches): 2 ___ 3 ___ 4 ✓ 4.5 ___ 6 ___ Other ___

CASING ELEVATION (feet/MSL) : NR

VOLUME IN CASING (gal.) : 6.55

DEPTH OF WELL (feet) : 27.4

CALCULATED PURGE (gal.) : 19.65

DEPTH TO WATER (feet) : 17.37

ACTUAL PURGE VOL. (gal.) : 20.0

DATE PURGED : 9-19-01

END PURGE : 1032

DATE SAMPLED : 9-19-01

SAMPLING TIME : 1050

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c) mhos	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1011	7.0	6.88	54.24	14.0	clr	clr
	14.0					
1031	20.0	well	dwtd at	8 gall		
1032	rchrg	7.16	54.47	23.0	clr	clr

OTHER: NR

ODOR: none

NR (COBALT 0-100)

87.7 (NTU 0-200)

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : NR

PURGING EQUIPMENT

___ 2" Bladder Pump
___ Centrifugal Pump
✓ Submersible Pump
___ Well WizardÔ
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated
Other: ___

SAMPLING EQUIPMENT

___ 2" Bladder Pump
___ Bomb Sampler
___ Dipper
___ Well WizardÔ
✓ Bailer (Teflon)
___ Bailer (Stainless Steel)
___ Submersible Pump
___ Dedicated
Other: ___

WELL INTEGRITY: ok

LOCK: Slip

REMARKS: All samples tkn

pH, E.C., Temp. Meter Calibration: Date: 9-19-01 Time: ___ Meter Serial No.: [illegible]

E.C. 1000 956 / 1000 pH 7 704 / 700 pH 10 1002 / 1000 pH 4 355 / 400

Temperature °F ___

SIGNATURE: ___ REVIEWED BY: ___ PAGE 7 OF 15

IT

WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000

PURGED BY : [illegible]

SAMPLED BY : [illegible]

SAMPLE ID : G-13

CLIENT NAME : City of Sunnyvale Landfill

LOCATION : Sunnyvale, California

TYPE: Groundwater ✓ Surface Water ___ Leachate ___ Other ___

CASING DIAMETER (inches): 2 ___ 3 ___ 4 ✓ 4.5 ___ 6 ___ Other ___

CASING ELEVATION (feet/MSL) : NA

DEPTH OF WELL (feet) : 17.8

DEPTH TO WATER (feet) : 6.54

VOLUME IN CASING (gal.) : 7.35

CALCULATED PURGE (gal.) : 22.06

ACTUAL PURGE VOL. (gal.) : 22.50

DATE PURGED : 9-17-01

DATE SAMPLED : 9-17-01

END PURGE : 1356

SAMPLING TIME : 1415

TIME (2400 HR)	VOLUME (gal.)	pH (units)	mhos E.C. (µmhos/cm@25°c)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1345	7.5	7.16	12.06	20.6	clr	clr
1350	15.0	7.02	14.12	20.4	clr	clr
1356	~~#~~ 22.50	7.23	13.99	21.1		

OTHER: NA

ODOR: slight

NA (COBALT 0-100)

13.9 (NTU 0-200)

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : NA

PURGING EQUIPMENT

___ 2" Bladder Pump
___ Centrifugal Pump
✓ Submersible Pump
___ Well WizardÔ
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated

Other: ___

SAMPLING EQUIPMENT

___ 2" Bladder Pump
___ Bomb Sampler
___ Dipper
___ Well WizardÔ
✓ Bailer (Teflon)
___ Bailer (Stainless Steel)
___ Submersible Pump
___ Dedicated

Other: ___

WELL INTEGRITY: ok

LOCK: ok

REMARKS: All samples taken

pH, E.C., Temp. Meter Calibration: Date: ___ Time: ___ Meter Serial No.: ___

6-7

E.C. 1000 ___/___ pH 7 ___/___ pH 10 ___/___ pH 4 ___/___

Temperature °F ___

SIGNATURE: ___ REVIEWED BY: ___

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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : G-15
PURGED BY : [illegible]
CLIENT NAME : **City of Sunnyvale Landfill**
SAMPLED BY : [illegible]
LOCATION : **Sunnyvale, California**

TYPE: Groundwater ✓ Surface Water ___ Leachate ___ Other ___
CASING DIAMETER (inches): 2 ___ 3 ___ 4 ✓ 4.5 ___ 6 ___ Other ___

CASING ELEVATION (feet/MSL) : NA
DEPTH OF WELL (feet) : 24.5
DEPTH TO WATER (feet) : 17.22
VOLUME IN CASING (gal.) : 4.78
CALCULATED PURGE (gal.) : 14.36
ACTUAL PURGE VOL. (gal.) : 14.5

DATE PURGED : 9-18-01
END PURGE : 1323
DATE SAMPLED : 9-18-01
SAMPLING TIME : 1345

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c) mhos	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1312	5.0	6.64	12.43	21.7	clear	clear
1317	10.0	6.73	11.5	20.5	clear	clear
1322	14.50	6.78	14.21	21.1	clear	clear

OTHER: NA
ODOR: Slight
NA (COBALT 0-100)
168 (NTU 0-200) wat 19

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : NA

PURGING EQUIPMENT

___ 2" Bladder Pump
___ Centrifugal Pump
✓ Submersible Pump
___ Well WizardÔ
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated
Other: ___

SAMPLING EQUIPMENT

___ 2" Bladder Pump
___ Bomb Sampler
___ Dipper
___ Well WizardÔ
✓ Bailer (Teflon)
___ Bailer (Stainless Steel)
___ Submersible Pump
___ Dedicated
Other: ___

WELL INTEGRITY: ok
LOCK: S24
REMARKS: All Samples Taken

pH, E.C., Temp. Meter Calibration: Date: See Time: G-7 Meter Serial No.: ___
E.C. 1000 ___ / ___ pH 7 ___ / ___ pH 10 ___ / ___ pH 4 ___ / ___
Temperature °F
SIGNATURE:
REVIEWED BY
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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : G-20
PURGED BY : S. Giacomini
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : ↓
LOCATION : Sunnyvale, California

TYPE: Groundwater [✓ X] Surface Water ____ Leachate ____ Other ____
CASING DIAMETER (inches): 2 [✓ X] 3 ____ 4 ____ 4.5 ____ 6 ____ Other ____

CASING ELEVATION (feet/MSL) : ____
VOLUME IN CASING (gal.) : 1.7
DEPTH OF WELL (feet) : 24.25
was 17.0
CALCULATED PURGE (gal.) : 10.1
DEPTH TO WATER (feet) : 13.49
ACTUAL PURGE VOL. (gal.) : 10.5

DATE PURGED : 9/18/01
END PURGE : 1434
DATE SAMPLED : 9/18/01
SAMPLING TIME : 1436

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c)	TEMPERATURE ~~(°F)~~ °C	COLOR (visual)	TURBIDITY (visual)
1417	2.0	8.48	1660	22.1	Brown	mod.
1422	4.0	7.92	1449	21.4	"	"
1424	5.5	7.67	1340	21.0	"	low
1428	7.0	7.59	1310	21.1	"	"
1431	8.5	7.43	1319	21.3	"	low
1434	10.5	7.33	1298	21.2		

OTHER: ORP = 6 mV
ODOR: None
7 (COBALT 0-100)
25.2 (NTU 0-200)

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : ____

PURGING EQUIPMENT

____ 2" Bladder Pump
____ Centrifugal Pump
____ Submersible Pump
____ Well WizardÔ
____ Bailer (Teflon)
[✓ X] Bailer (PVC)
____ Bailer (Stainless Steel)
____ Dedicated
Other: ____

SAMPLING EQUIPMENT

____ 2" Bladder Pump
____ Bomb Sampler
____ Dipper
____ Well WizardÔ
[✓ X] Bailer (~~Teflon~~) poly disp.
____ Bailer (Stainless Steel)
____ Submersible Pump
____ Dedicated
Other: ____

WELL INTEGRITY: Good
LOCK: —

REMARKS: ____

pH, E.C., Temp. Meter Calibration: Date: See G-28 Time: ____ Meter Serial No.: ____
E.C. 1000 ____ / ____ pH 7 ____ / ____ pH 10 ____ / ____ pH 4 ____ / ____
Temperature °F ____

SIGNATURE: ____ REVIEWED BY: ____ PAGE 10 OF 15

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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : 5-21
PURGED BY : JMW
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : JMW
LOCATION : Sunnyvale, California

TYPE: Groundwater ✓ Surface Water ____ Leachate ____ Other ____
CASING DIAMETER (inches): 2 ✓ 3 ____ 4 ____ 4.5 ____ 6 ____ Other ____

CASING ELEVATION (feet/MSL) : NA
VOLUME IN CASING (gal.) : 1.77
DEPTH OF WELL (feet) : 26.95
CALCULATED PURGE (gal.) : 10.64
DEPTH TO WATER (feet) : 16.07
ACTUAL PURGE VOL. (gal.) : 11.0

DATE PURGED : 9-19-01
END PURGE : 1137
DATE SAMPLED : 9-19-01
SAMPLING TIME : 1150

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1324	2.0	7.31	3236	21.7	grey	cloudy
1326	4.0	7.21	3262	21.4	clear	cloudy
1328	6.0	7.19	3269	21.2	clear	cloudy
1330	8.0	7.18	3274	21.2	clear	cloudy
1132	10.0	7.19	3274	21.1	clear	clear
	11.0	7.17	3272	21.3		

OTHER: NA
ODOR: mod
NA (COBALT 0-100)
314 (NTU 0-200)

wa
5

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : NA

PURGING EQUIPMENT

☐ 2" Bladder Pump
☐ Centrifugal Pump
☑ Submersible Pump
☐ Well WizardÔ
☐ Bailer (Teflon)
☐ Bailer (PVC)
☐ Bailer (Stainless Steel)
☐ Dedicated
Other: ____

SAMPLING EQUIPMENT

☐ 2" Bladder Pump
☐ Bomb Sampler
☐ Dipper
☐ Well WizardÔ
☑ Bailer (Teflon)
☐ Bailer (Stainless Steel)
☐ Submersible Pump
☐ Dedicated
Other: ____

WELL INTEGRITY: ok
LOCK: 3/4
REMARKS: All Samples take

pH, E.C., Temp. Meter Calibration: Date: See Time: ____ Meter Serial No.: ____
E.C. 1000 ____ / ____ pH 7 ____ / ____ pH 10 ____ / ____ pH 4 ____ / ____
Temperature °F ____
SIGNATURE: ____ REVIEWED BY: ____ PAGE 11 OF 15

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WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : G22
PURGED BY : [illegible]
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : [illegible]
LOCATION : Sunnyvale, California

TYPE: Groundwater ✓ Surface Water ____ Leachate ____ Other ____
CASING DIAMETER (inches): 2 ✓ 3 ____ 4 ____ 4.5 ____ 6 ____ Other ____

CASING ELEVATION (feet/MSL) : NA
DEPTH OF WELL (feet) : 27.35
DEPTH TO WATER (feet) : 7.67
VOLUME IN CASING (gal.) : 7.20
CALCULATED PURGE (gal.) : 19.24
ACTUAL PURGE VOL. (gal.) : 19.5

DATE PURGED : 9-19-01
DATE SAMPLED : 9-19-01
END PURGE : ____
SAMPLING TIME : ____

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1223	3.5	7.18	2195	21.5	clear	clear
1226	7.0	7.09	2238	21.0	clear	clear
1229	10.5	7.14	2232	20.9	clear	clear
1232	14.0	7.13	2254	20.8	clear	clear
1235	17.5	7.13	2247	20.8	clear	clear
1238	19.5	7.13	2251	20.8	clear	clear
OTHER: NA			ODOR: none		NA	714
					(COBALT 0-100)	(NTU 0-200)

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : NA

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
☐ 2" Bladder Pump	☐ Bailer (Teflon)	☐ 2" Bladder Pump	☑ Bailer (Teflon)
☑ Centrifugal Pump	☐ Bailer (PVC)	☐ Bomb Sampler	☐ Bailer (Stainless Steel)
☐ Submersible Pump	☐ Bailer (Stainless Steel)	☐ Dipper	☐ Submersible Pump
☐ Well WizardÔ	☐ Dedicated	☐ Well WizardÔ	☐ Dedicated
Other:		Other:	

WELL INTEGRITY: ok
LOCK: ok
REMARKS: [illegible]

pH, E.C., Temp. Meter Calibration: Date: ____ Time: ____ Meter Serial No.: ____
E.C. 1000 / pH 7 ____ pH 10 / pH 4 /
Temperature °F ____
SIGNATURE: ____ REVIEWED BY: ____ PAGE 12 OF 15

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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : G-28
PURGED BY : Steve Ciccamini
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : ↓
LOCATION : Sunnyvale, California

TYPE: Groundwater ✓ Surface Water ____ Leachate ____ Other ____
CASING DIAMETER (inches): 2 ✓ 3 ____ 4 ____ 4.5 ____ 6 ____ Other ____

as 18.9'

CASING ELEVATION (feet/MSL) : ____
VOLUME IN CASING (gal.) : 3.2
DEPTH OF WELL (feet) : 29.88
CALCULATED PURGE (gal.) : 19.1 (6 casing)
DEPTH TO WATER (feet) : 10.37
ACTUAL PURGE VOL. (gal.) : 19.5

DATE PURGED : 9/18/01
END PURGE : 1250
DATE SAMPLED : ↓
SAMPLING TIME : 1255

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (~~µmhos/cm~~@25°c)	TEMPERATURE (~~°F~~) °C	COLOR (visual)	TURBIDITY (visual)
1231	3.5	6.23	55.79 mS	23.4	Grey	high
1236	7.0	6.29	56.52 mS	22.7	"	"
1239	10.0	6.41	56.36 mS	22.8	"	"
1243	13.0	6.49	56.79 mS	22.3	"	"
1246	16.5	6.48	56.12 mS	22.2	"	"
1250	19.5	6.54	56.15 mS	22.7		

OTHER: ORP = 52 mV
ODOR: moderate
(COBALT 0-100): /
(NTU 0-200): >200

wa 33

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : /

PURGING EQUIPMENT

____ 2" Bladder Pump
____ Centrifugal Pump
____ Submersible Pump
____ Well WizardÔ
____ Bailer (Teflon)
✓ Bailer (PVC)
____ Bailer (Stainless Steel)
____ Dedicated
Other: ____

SAMPLING EQUIPMENT

____ 2" Bladder Pump
____ Bomb Sampler
____ Dipper
____ Well WizardÔ
✓ Bailer ~~(Teflon)~~ Poly Dispo
____ Bailer (Stainless Steel)
____ Submersible Pump
____ Dedicated
Other: ____

WELL INTEGRITY: Good
LOCK: ✓

REMARKS: ____

pH, E.C., Temp. Meter Calibration: Date: 9/18/01 Time: ____ Meter Serial No.: 600235
E.C. ~~1000~~ 1413 1450 / 1413 uS pH 7 7.19 / 7.00 pH 10 9.90 / 10.00 pH 4 3.95 / /
Temperature ~~°F~~ °C 21.3 °C
SIGNATURE: ____ REVIEWED BY: PK PAGE 13 OF 15

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IT

WATER SAMPLE FIELD DATA SHEET

PROJECT NO.: 830692 / 01000000
PURGED BY: NA
SAMPLED BY:
SAMPLE ID: Swm-1
CLIENT NAME: City of Sunnyvale Landfill
LOCATION: Sunnyvale, California

TYPE: Groundwater ___ Surface Water ✓ Leachate ___ Other ✓
CASING DIAMETER (inches): 2 ___ 3 ___ 4 ___ 4.5 ___ 6 ___ Other ✓

CASING ELEVATION (feet/MSL): NA
DEPTH OF WELL (feet): /
DEPTH TO WATER (feet): /
VOLUME IN CASING (gal.): NA
CALCULATED PURGE (gal.): /
ACTUAL PURGE VOL. (gal.): /

DATE PURGED: NA
DATE SAMPLED: 9-11-01
END PURGE: N
SAMPLING TIME: 1530

was 1739

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1525	grab	7.9	9159	72.7	green	cloudy

OTHER: NA
ODOR: ~~[illegible]~~
N (COBALT 0-100)
558. — wa 7 (NTU 0-200)

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1): NA

PURGING EQUIPMENT

___ 2" Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Well WizardÔ
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated
Other: ___

SAMPLING EQUIPMENT

___ 2" Bladder Pump
___ Bomb Sampler
___ Dipper
___ Well WizardÔ
___ Bailer (Teflon)
___ Bailer (Stainless Steel)
___ Submersible Pump
___ Dedicated
Other: ___

WELL INTEGRITY: NA
LOCK: NA
REMARKS: Aw Sample tk

pH, E.C., Temp. Meter Calibration: Date: ___ Time: ___ Meter Serial No.: ___
E.C. 1000 ___ / ___ pH 7 ___ pH 10 ___ / ___ pH 4 ___ / ___
Temperature °F

9-11

SIGNATURE: ___ REVIEWED BY: ___ PAGE 14 OF 15

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IT WATER SAMPLE FIELD DATA SHEET

PROJECT NO : 830692 / 01000000
SAMPLE ID : SWM2
PURGED BY : NA
CLIENT NAME : City of Sunnyvale Landfill
SAMPLED BY : JL [illegible]
LOCATION : Sunnyvale, California

TYPE: Groundwater ___ Surface Water ✓ Leachate ___ Other ___
CASING DIAMETER (inches): 2 ___ 3 ___ 4 ___ 4.5 ___ 6 ___ Other ✓

CASING ELEVATION (feet/MSL) : NA
VOLUME IN CASING (gal.) : NA
DEPTH OF WELL (feet) : /
CALCULATED PURGE (gal.) : /
DEPTH TO WATER (feet) : /
ACTUAL PURGE VOL. (gal.) : /

DATE PURGED : NA
END PURGE : NA
DATE SAMPLED : 9-19-01
SAMPLING TIME : 1550

TIME (2400 HR)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm@25°c)	TEMPERATURE (°F)	COLOR (visual)	TURBIDITY (visual)
1545	grab	7.73	1,064	73.4	tan	cloudy

OTHER: NA
ODOR: none
NA (COBALT 0-100)
29.6 (NTU 0-200)

FIELD QC SAMPLES COLLECTED AT THIS WELL (i.e. FB-1, XDUP-1) : /

~~PURGING EQUIPMENT~~

___ 2" Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Well WizardÔ
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated
Other:

SAMPLING EQUIPMENT

___ 2" Bladder Pump
___ Bomb Sampler
___ Dipper
___ Well WizardÔ
✓ Bailer (Teflon)
___ Bailer (Stainless Steel)
___ Submersible Pump
___ Dedicated
Other:

WELL INTEGRITY: NA
LOCK: NA

REMARKS: [illegible]

pH, E.C., Temp. Meter Calibration: Date: Time: Meter Serial No.:
E.C. 1000 / pH 7 pH 10 pH 4 /
Temperature °F

SIGNATURE: REVIEWED BY: JR PAGE 15 OF 15

Caltest
ANALYTICAL LABORATORY
ENVIRONMENTAL ANALYSES

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LAB ORDER No.: B090612
Page 1 of 6

REPORT of ANALYTICAL RESULTS

Report Date: 12 OCT 2001
Received Date: 20 SEP 2001

Client: Bill Theyskens
City of Sunnyvale
Dept. of Public Works/Solid Waste
456 West Olive Avenue
Sunnyvale, CA 94088-3707

Project: 830692 CITY OF SUNNYVALE LANDFILL

Sampled by: EMCON

Lab Number	Sample Identification	Matrix	Sampled Date/Time
B090612-1	G-8	AQUEOUS	18 SEP 01 12:05
B090612-2	G-15	AQUEOUS	18 SEP 01 13:45
B090612-3	G-10	AQUEOUS	18 SEP 01 14:40
B090612-4	G-13	AQUEOUS	18 SEP 01 14:15
B090612-5	G-6	AQUEOUS	18 SEP 01 16:50
B090612-6	G-4	AQUEOUS	18 SEP 01 15:50
B090612-7	G-20	AQUEOUS	18 SEP 01 14:36
B090612-8	G-28	AQUEOUS	18 SEP 01 12:55
B090612-9	X-DUP - G-8	AQUEOUS	18 SEP 01
B090612-10	TRIP BLANK-1	AQUEOUS	18 SEP 01

Todd M. Albertson
Project Manager

CAHorn
Christine Horn
Laboratory Director

CALTEST authorizes this report to be reproduced only in its entirety.
Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
'D.F.' means Dilution Factor and has been used to adjust the listed Reporting Limit (R.L.).
Acceptance Criteria for all Surrogate recoveries are defined in the QC Spike Data Reports.
Caltest collects samples in compliance with CFR 40, EPA Methods, Cal. Title 22, and Standard Methods.

Caltest
ANALYTICAL LABORATORY
ENVIRONMENTAL ANALYSES

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LAB ORDER No.: B090612
Page 2 of 6

INORGANIC ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
LAB NUMBER: B090612-1								
SAMPLE ID: G-8								
SAMPLED: 18 SEP 01 12:05								
Ammonia as N	ND	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	2.0	0.2	mg/L	2	353.2	09.27.01	I010035NNO	
Nitrogen, Organic	0.2	0.1	mg/L	1	⊳ CALC	10.10.01		
Total Kjeldahl Nitrogen	0.2	0.1	mg/L	1	351.3	10.04.01	I010078TKN	
Total Organic Carbon	RR			1				1,2
LAB NUMBER: B090612-2								
SAMPLE ID: G-15								
SAMPLED: 18 SEP 01 13:45								
Ammonia as N	0.6	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	ND	0.1	mg/L	1	353.2	09.27.01	I010035NNO	
Nitrogen, Organic	0.4	0.1	mg/L	1	CALC	10.10.01		
Total Kjeldahl Nitrogen	1.0	0.1	mg/L	1	351.3	10.04.01	I010078TKN	
Total Organic Carbon	RR			1				1,2
LAB NUMBER: B090612-3								
SAMPLE ID: G-10								
SAMPLED: 18 SEP 01 14:40								
Ammonia as N	ND	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	0.3	0.1	mg/L	1	353.2	09.27.01	I010035NNO	
Nitrogen, Organic	1.7	0.1	mg/L	1	CALC	10.10.01		
Total Kjeldahl Nitrogen	1.7	0.1	mg/L	1	351.3	10.04.01	I010078TKN	
Total Organic Carbon	RR			1				1,2
LAB NUMBER: B090612-4								
SAMPLE ID: G-13								
SAMPLED: 18 SEP 01 14:15								
Ammonia as N	ND	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	2.8	0.5	mg/L	5	353.2	09.27.01	I010035NNO	
Nitrogen, Organic	1.	0.1	mg/L	1	CALC	10.10.01		
Total Kjeldahl Nitrogen	1.0	0.1	mg/L	1	351.3	10.04.01	I010078TKN	
Total Organic Carbon	RR			1				1,2

1) Analysis performed by BSK Analytical Laboratories. ELAP Certification #1180.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

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LAB ORDER No.: B090612

INORGANIC ANALYTICAL RESULTS

LAB NUMBER: B090612-5
SAMPLE ID: G-6
SAMPLED: 18 SEP 01 16:50

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
Ammonia as N	ND	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	15.	3.	mg/L	25	353.2	09.27.01	I010035NNO	
Nitrogen, Organic	0.9	0.1	mg/L	1	CALC	10.10.01		
Total Kjeldahl Nitrogen	0.9	0.1	mg/L	1	351.3	10.04.01	I010078TKN	
Total Organic Carbon	RR			1				1,2

LAB NUMBER: B090612-6
SAMPLE ID: G-4
SAMPLED: 18 SEP 01 15:50

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
Ammonia as N	2.6	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	ND	0.1	mg/L	1	353.2	09.27.01	I010035NNO	
Nitrogen, Organic	2.8	0.1	mg/L	1	CALC	10.10.01		
Total Kjeldahl Nitrogen	5.4	0.1	mg/L	1	351.3	10.04.01	I010078TKN	
Total Organic Carbon	RR			1				1,2

LAB NUMBER: B090612-7
SAMPLE ID: G-20
SAMPLED: 18 SEP 01 14:36

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
Ammonia as N	ND	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	0.2	0.1	mg/L	1	353.2	09.27.01	I010035NNO	
Nitrogen, Organic	0.2	0.1	mg/L	1	CALC	10.10.01		
Total Kjeldahl Nitrogen	0.2	0.1	mg/L	1	351.3	10.04.01	I010078TKN	
Total Organic Carbon	RR			1				1,2

LAB NUMBER: B090612-8
SAMPLE ID: G-28
SAMPLED: 18 SEP 01 12:55

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
Ammonia as N	0.3	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	ND	0.1	mg/L	1	353.2	09.27.01	I010035NNO	
Nitrogen, Organic	1.1	0.1	mg/L	1	CALC	10.10.01		
Total Kjeldahl Nitrogen	1.4	0.1	mg/L	1	351.3	10.04.01	I010078TKN	
Total Organic Carbon	RR			1				1,2

---

1) Analysis performed by BSK Analytical Laboratories. ELAP Certification #1180.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

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LAB ORDER No.: B090612

INORGANIC ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
LAB NUMBER: B090612-9 SAMPLE ID: X-DUP SAMPLED: 18 SEP 01								
Ammonia as N	ND	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	2.4	0.2	mg/L	2	353.2	09.27.01	I010035NNO	
Nitrogen, Organic	0.2	0.1	mg/L	1	CALC	10.10.01		
Total Kjeldahl Nitrogen	0.2	0.1	mg/L	1	351.3	10.04.01	I010078TKN	
Total Organic Carbon	RR			1				1,2

---

1) Analysis performed by BSK Analytical Laboratories. ELAP Certification #1180.
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LAB ORDER No.: B090612
Page 5 of 6

ORGANIC ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
LAB NUMBER: B090612-1 SAMPLE ID: G-8 SAMPLED: 18 SEP 01 12:05 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090612-2 SAMPLE ID: G-15 SAMPLED: 18 SEP 01 13:45 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090612-3 SAMPLE ID: G-10 SAMPLED: 18 SEP 01 14:40 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090612-4 SAMPLE ID: G-13 SAMPLED: 18 SEP 01 14:15 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090612-5 SAMPLE ID: G-6 SAMPLED: 18 SEP 01 16:50 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090612-6 SAMPLE ID: G-4 SAMPLED: 18 SEP 01 15:50 METHOD:							
Volatile Organic Cmpds	RR			1			1,2

1) Analyses performed by Columbia Analytical Services, ELAP Certification #1489.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

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LAB ORDER No.: B090612
Page 6 of 6

ORGANIC ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
LAB NUMBER: B090612-7 SAMPLE ID: G-20 SAMPLED: 18 SEP 01 14:36 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090612-8 SAMPLE ID: G-28 SAMPLED: 18 SEP 01 12:55 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090612-9 SAMPLE ID: X-DUP SAMPLED: 18 SEP 01 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090612-10 SAMPLE ID: TRIP BLANK-1 SAMPLED: 18 SEP 01 METHOD:							
Volatile Organic Cmpds	RR			1			1,2

1) Analyses performed by Columbia Analytical Services, ELAP Certification #1489.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

Caltest
ANALYTICAL LABORATORY
ENVIRONMENTAL ANALYSES

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LAB ORDER No.: B090612
Page 1 of 4

SUPPLEMENTAL QUALITY CONTROL (QC) DATA REPORT

Report Date: 12 OCT 2001
Received Date: 20 SEP 2001

Client: Bill Theyskens
City of Sunnyvale
Dept. of Public Works/Solid Waste
456 West Olive Avenue
Sunnyvale, CA 94088-3707

Project: 830692 CITY OF SUNNYVALE LANDFILL

QC Batch ID	Method	Matrix
I010035NNO	353.2	AQUEOUS
I010078TKN	351.3	AQUEOUS
I010102AMM	350.2	AQUEOUS

Todd M. Albertson
Project Manager

CAHorn
Christine Horn
Laboratory Director

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Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
Analyte Spike Amounts reported as 'NS' mean not spiked and will not have recoveries reported.
'RPD' means Relative Percent Difference and RPD Acceptance Criteria is stated as a maximum.
'NC' means not calculated for RPD or Spike Recoveries.

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LAB ORDER No.: B090612

METHOD BLANK ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: I010035NNO					
Nitrate + Nitrite as N	ND	0.1	mg/L	09.27.01	
QC BATCH: I010102AMM					
Ammonia as N	ND	0.1	mg/L	09.24.01	

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LAB ORDER No.: B090612

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: I010035NNO							
Nitrate + Nitrite as N	1.00	1.01\	101\	75-125\20		09.27.01	
QC BATCH: I010102AMM							
Ammonia as N	5.00	4.90\	98\	75-125\20		09.24.01	

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LAB ORDER No.: B090612

MATRIX SPIKE ANALYTICAL RESULTS

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: I010035NNO QC SAMPLE LAB NUMBER: B090168-1								
Nitrate + Nitrite as N	0.4	1.00	1.41\1.55	101\115	75-125\20	9.5	09.27.01	
QC BATCH: I010102AMM QC SAMPLE LAB NUMBER: B090612-1								
Ammonia as N	ND	5.00	5.44\4.99	109\100	75-125\20	8.6	09.24.01	

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ELAP Certificate #1180

Report Issue Date: 09/28/2001

Todd Albertson
Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

BSK Submission #: 2001091058

BSK Sample ID #: 145465

Project ID:

Project Desc:

Submission Comments:

Sample Type: Liquid

Sample Description: G-8 (B090612-1)

Sample Comments:

Date Sampled: 09/18/2001

Time Sampled: 1201

Date Received: 09/21/2001

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Total Organic Carbon (TOC)	SM 5310-C	**1.8**	mg/L	0.2	1	0.2	09/26/2001	09/26/2001

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)
µg/L: Micrograms/Liter (ppb)
µg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution
ND: None Detected at DLR

H: Analyzed outside of hold time
P: Preliminary result
S: Suspect result. See Cover Letter for comments.
E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:

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ELAP Certificate #1180

Report Issue Date: 09/28/2001

Todd Albertson
Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

BSK Submission #: 2001091058

BSK Sample ID #: 145466

Project ID:		Project Desc:	
Submission Comments:			
Sample Type:	Liquid	Date Sampled:	09/18/2001
Sample Description:	G-15 (B090612-2)	Time Sampled:	1345
Sample Comments:		Date Received:	09/21/2001

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Total Organic Carbon (TOC)	SM 5310-C	12	mg/L	0.2	5	1.0	09/26/2001	09/26/2001

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)
µg/L: Micrograms/Liter (ppb)
µg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution
ND: None Detected at DLR

H: Analyzed outside of hold time
P: Preliminary result
S: Suspect result. See Cover Letter for comments.
E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:

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ELAP Certificate #1180

Report Issue Date: 09/28/2001

Todd Albertson
Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

BSK Submission #: 2001091058

BSK Sample ID #: 145467

Project ID:

Project Desc:

Submission Comments:

Sample Type: Liquid

Sample Description: G-10 (B090612-3)

Sample Comments:

Date Sampled: 09/18/2001
Time Sampled: 1440
Date Received: 09/21/2001

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Total Organic Carbon (TOC)	SM 5310-C	**3.5**	mg/L	0.2	1	0.2	09/26/2001	09/26/2001

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)
µg/L: Micrograms/Liter (ppb)
µg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution
ND: None Detected at DLR

H: Analyzed outside of hold time
P: Preliminary result
S: Suspect result. See Cover Letter for comments.
E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:

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Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

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ELAP Certificate #1180

Report Issue Date: 09/28/2001

BSK Submission #: 2001091058

BSK Sample ID #: 145468

Project ID: Project Desc:

Submission Comments:

Sample Type: Liquid

Sample Description: G-13 (B090612-4)

Sample Comments:

Date Sampled: 09/18/2001

Time Sampled: 1415

Date Received: 09/21/2001

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Total Organic Carbon (TOC)	SM 5310-C	17	mg/L	0.2	20	4.0	09/26/2001	09/26/2001

---

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)
µg/L: Micrograms/Liter (ppb)
µg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution
ND: None Detected at DLR

H: Analyzed outside of hold time
P: Preliminary result
S: Suspect result. See Cover Letter for comments.
E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:

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ELAP Certificate #1180

Report Issue Date: 09/28/2001

Todd Albertson
Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

BSK Submission #: 2001091058

BSK Sample ID #: 145469

Project ID:

Project Desc:

Submission Comments:

Sample Type: Liquid

Sample Description: G-6 (B090612-5)

Sample Comments:

Date Sampled: 09/18/2001

Time Sampled: 1650

Date Received: 09/21/2001

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Total Organic Carbon (TOC)	SM 5310-C	**9.9**	mg/L	0.2	5	1.0	09/26/2001	09/26/2001

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)
µg/L: Micrograms/Liter (ppb)
µg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution
ND: None Detected at DLR

H: Analyzed outside of hold time
P: Preliminary result
S: Suspect result. See Cover Letter for comments.
E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:

BSK ANALYTICAL LABORATORIES

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Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

Certificate of Analysis

ELAP Certificate #1180

Report Issue Date: 09/28/2001

BSK Submission #: 2001091058

BSK Sample ID #: 145470

Project ID:		Project Desc:	
Submission Comments:			
Sample Type:	Liquid	Date Sampled:	09/18/2001
Sample Description:	G-4 (B090612-6)	Time Sampled:	1550
Sample Comments:		Date Received:	09/21/2001

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Total Organic Carbon (TOC)	SM 5310-C	**3.3**	mg/L	0.2	5	1.0	09/26/2001	09/26/2001

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)
µg/L: Micrograms/Liter (ppb)
µg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution
ND: None Detected at DLR

H: Analyzed outside of hold time
P: Preliminary result
S: Suspect result. See Cover Letter for comments.
E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:

Todd Albertson
Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

Certificate of Analysis

ELAP Certificate #1180

Report Issue Date: 09/28/2001

BSK Submission #: 2001091058

BSK Sample ID #: 145471

Project ID: Project Desc:

Submission Comments:

Sample Type: Liquid

Sample Description: G-20 (B090612-7)

Sample Comments:

Date Sampled: 09/18/2001
Time Sampled: 1436
Date Received: 09/21/2001

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Total Organic Carbon (TOC)	SM 5310-C	**3.4**	mg/L	0.2	5	1.0	09/26/2001	09/26/2001

---

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)
µg/L: Micrograms/Liter (ppb)
µg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution
ND: None Detected at DLR

H: Analyzed outside of hold time
P: Preliminary result
S: Suspect result. See Cover Letter for comments.
E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:

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Todd Albertson
Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

Certificate of Analysis

ELAP Certificate #1180

Report Issue Date: 09/28/2001

BSK Submission #: 2001091058

BSK Sample ID #: 145472

Project ID:

Project Desc:

Submission Comments:

Sample Type: Liquid

Sample Description: G-28 (B090612-8)

Sample Comments:

Date Sampled: 09/18/2001

Time Sampled: 1255

Date Received: 09/21/2001

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Total Organic Carbon (TOC)	SM 5310-C	**9.0**	mg/L	0.2	20	4.0	09/26/2001	09/26/2001

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)
µg/L: Micrograms/Liter (ppb)
µg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution
ND: None Detected at DLR

H: Analyzed outside of hold time
P: Preliminary result
S: Suspect result. See Cover Letter for comments.
E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:

BSK ANALYTICAL LABORATORIES

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Todd Albertson
Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

Certificate of Analysis

ELAP Certificate #1180

Report Issue Date: 09/28/2001

BSK Submission #: 2001091058

BSK Sample ID #: 145473

Project ID:

Project Desc:

Submission Comments:

Sample Type: Liquid

Sample Description: XDUP (B090612-9)

Sample Comments:

Date Sampled: 09/18/2001

Time Sampled:

Date Received: 09/21/2001

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Total Organic Carbon (TOC)	SM 5310-C	**2.2**	mg/L	0.2	5	1.0	09/26/2001	09/26/2001

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)
µg/L: Micrograms/Liter (ppb)
µg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution
ND: None Detected at DLR

H: Analyzed outside of hold time
P: *Preliminary result*
S: Suspect result. See Cover Letter for comments.
E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:

BSK ANALYTICAL LABORATORIES

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QC Summary Report 09/27/2001

BSK Submission : **2001091058**
Client : **Caltest Analytical Laboratory**
Date Submitted : **09/21/2001**
Project ID :
Project Desc :

BSK StarLims Run #: 26695
Analyst Initials: **DONNAH**
Instrument ID:
Method Number: **TOC**

Analyte Results

Analyte	QC Type	Matrix Spike ID	Result	Units	% Rec or RPD	Spike RPD	Spk Conc	Matrix Conc	UCL	LCL	Date	
Total Organic Carbon (TOC)	LCS	N/A	1.07	mg/L	107		1	ND	130	70	09/26/01	*Acceptable*
Total Organic Carbon (TOC)	LCSD	N/A	1.04	mg/L	104	2.9	1	ND	130	70	09/26/01	*Acceptable*
Total Organic Carbon (TOC)	MS	145270	4.76	mg/L	102		2	2.6	130	70	09/26/01	*Acceptable*
Total Organic Carbon (TOC)	MSD	145270	4.79	mg/L	103	0.63	2	2.6	130	70	09/26/01	*Acceptable*
Total Organic Carbon (TOC)	RBLK	N/A	0	mg/L	< 0.2				0.2	N/A	09/26/01	*Acceptable*

Approved by:

%Rec: Percent Recovered
RPD: Relative Percent Difference
UCL: Upper Control Limit
LCL: Lower Control Limit

Parent Sample: Sample used as background matrix for MS/MSD
OOS-High: QC Result Above UCL
OOS-Low: QC Result Below LCL

Caltest
ANALYTICAL LABORATORY
ENVIRONMENTAL ANALYSES

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LAB ORDER No.: B090670
Page 1 of 5

REPORT of ANALYTICAL RESULTS

Report Date: 12 OCT 2001
Received Date: 20 SEP 2001

Client: Bill Theyskens
City of Sunnyvale
Dept. of Public Works/Solid Waste
456 West Olive Avenue
Sunnyvale, CA 94088-3707

Project: CITY OF SUNNYVALE LANDFILL

Sampled by: EMCON

Lab Number	Sample Identification	Matrix	Sampled Date/Time
B090670-1	G-5	AQUEOUS	19 SEP 01 15:10
B090670-2	G-7	AQUEOUS	19 SEP 01 12:00
B090670-3	G-11	AQUEOUS	19 SEP 01 10:50
B090670-4	G-21	AQUEOUS	19 SEP 01 11:50
B090670-5	G-22	AQUEOUS	19 SEP 01 12:55
B090670-6	SWM-1	AQUEOUS	19 SEP 01 15:20
B090670-7	SWM-2	AQUEOUS	19 SEP 01 15:50

Todd M. Albertson
Project Manager

CAHorn
Christine Horn
Laboratory Director

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Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
'D.F.' means Dilution Factor and has been used to adjust the listed Reporting Limit (R.L.).
Acceptance Criteria for all Surrogate recoveries are defined in the QC Spike Data Reports.
Caltest collects samples in compliance with CFR 40, EPA Methods, Cal. Title 22, and Standard Methods.

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ORGANIC ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
LAB NUMBER: B090670-1 SAMPLE ID: G-5 SAMPLED: 19 SEP 01 15:10								
Ammonia as N	0.3	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	1.6	0.2	mg/L	2	353.2	09.27.01	I010035NNO	
Total Kjeldahl Nitrogen	1.4	0.1	mg/L	1	351.3	10.04.01	I010078TKN	1.2
Total Organic Carbon	RR			1				
LAB NUMBER: B090670-2 SAMPLE ID: G-7 SAMPLED: 19 SEP 01 12:00								
Ammonia as N	0.1	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	2.6	0.2	mg/L	2	353.2	09.27.01	I010035NNO	
Total Kjeldahl Nitrogen	0.6	0.1	mg/L	1	351.3	10.04.01	I010078TKN	1,2
Total Organic Carbon	RR			1				
LAB NUMBER: B090670-3 SAMPLE ID: G-11 SAMPLED: 19 SEP 01 10:50								
Ammonia as N	1.7	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	1.6	0.1	mg/L	1	353.2	09.27.01	I010035NNO	
Total Kjeldahl Nitrogen	2.8	0.1	mg/L	1	351.3	10.04.01	I010078TKN	1,2
Total Organic Carbon	RR			1				
LAB NUMBER: B090670-4 SAMPLE ID: G-21 SAMPLED: 19 SEP 01 11:50								
Ammonia as N	3.3	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	4.6	0.5	mg/L	5	353.2	09.27.01	I010035NNO	
Total Kjeldahl Nitrogen	5.3	0.1	mg/L	1	351.3	10.05.01	I010079TKN	1,2
Total Organic Carbon	RR			1				
LAB NUMBER: B090670-5 SAMPLE ID: G-22 SAMPLED: 19 SEP 01 12:55								
Ammonia as N	0.1	0.1	mg/L	1	350.2	09.24.01	I010102AMM	

1) Analyses performed by Columbia Analytical Services. ELAP Certification #1489.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

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INORGANIC ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
LAB NUMBER: B090670-5 (continued)								
Nitrate + Nitrite as N	1.9	0.2	mg/L	2	353.2	09.27.01	I010035NNO	
Total Kjeldahl Nitrogen	0.6	0.1	mg/L	1	351.3	10.05.01	I010079TKN	
Total Organic Carbon	RR			1				1,2
LAB NUMBER: B090670-6 SAMPLE ID: SWM-1 SAMPLED: 19 SEP 01 15:20								
Ammonia as N	0.4	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	2.1	0.2	mg/L	2	353.2	09.27.01	I010035NNO	
Total Kjeldahl Nitrogen	1.5	0.1	mg/L	1	351.3	10.05.01	I010079TKN	
Total Organic Carbon	RR			1				1,2
LAB NUMBER: B090670-7 SAMPLE ID: SWM-2 SAMPLED: 19 SEP 01 15:50								
Ammonia as N	ND	0.1	mg/L	1	350.2	09.24.01	I010102AMM	
Nitrate + Nitrite as N	3.4	0.5	mg/L	5	353.2	09.27.01	I010035NNO	
Total Kjeldahl Nitrogen	0.7	0.1	mg/L	1	351.3	10.05.01	I010079TKN	
Total Organic Carbon	RR			1				1,2

1) Analyses performed by Columbia Analytical Services, ELAP Certification #1489.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

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LAB ORDER No.: B090670

ORGANIC ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
LAB NUMBER: B090670-1 SAMPLE ID: G-5 SAMPLED: 19 SEP 01 15:10 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090670-2 SAMPLE ID: G-7 SAMPLED: 19 SEP 01 12:00 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090670-3 SAMPLE ID: G-11 SAMPLED: 19 SEP 01 10:50 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090670-4 SAMPLE ID: G-21 SAMPLED: 19 SEP 01 11:50 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090670-5 SAMPLE ID: G-22 SAMPLED: 19 SEP 01 12:55 METHOD:							
Volatile Organic Cmpds	RR			1			1,2
LAB NUMBER: B090670-6 SAMPLE ID: SWM-1 SAMPLED: 19 SEP 01 15:20 METHOD:							
Volatile Organic Cmpds	RR			1			1,2

1) Analyses performed by Columbia Analytical Services, ELAP Certification #1489.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

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LAB ORDER No.: B090670

ORGANIC ANALYTICAL RESULTS

LAB NUMBER: B090670-7
SAMPLE ID: SWM-2
SAMPLED: 19 SEP 01 15:50
METHOD:

ANALYTE	RESULT	R.L.	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
Volatile Organic Cmpds	RR			1			1,2

1) Analyses performed by Columbia Analytical Services, ELAP Certification #1489.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

Caltest
ANALYTICAL LABORATORY
ENVIRONMENTAL ANALYSES

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LAB ORDER No.: B090670
Page 1 of 4

SUPPLEMENTAL QUALITY CONTROL (QC) DATA REPORT

Report Date: 12 OCT 2001
Received Date: 20 SEP 2001

Client: Bill Theyskens
City of Sunnyvale
Dept. of Public Works/Solid Waste
456 West Olive Avenue
Sunnyvale, CA 94088-3707

Project: CITY OF SUNNYVALE LANDFILL

QC Batch ID	Method	Matrix
I010035NNO	353.2	AQUEOUS
I010078TKN	351.3	AQUEOUS
I010079TKN	351.3	AQUEOUS
I010102AMM	350.2	AQUEOUS

Todd M. Albertson
Project Manager

CAHorn
Christine Horn
Laboratory Director

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Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
Analyte Spike Amounts reported as 'NS' mean not spiked and will not have recoveries reported.
'RPD' means Relative Percent Difference and RPD Acceptance Criteria is stated as a maximum.
'NC' means not calculated for RPD or Spike Recoveries.

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LAB ORDER No.: B090670
Page 2 of 4

METHOD BLANK ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: I010035NNO					
Nitrate + Nitrite as N	ND	0.1	mg/L	09.27.01	
QC BATCH: I010079TKN					
Total Kjeldahl Nitrogen	ND	0.1	mg/L	10.05.01	
QC BATCH: I010102AMM					
Ammonia as N	ND	0.1	mg/L	09.24.01	

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LAB ORDER No.: B090670

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: I010035NNO							
Nitrate + Nitrite as N	1.00	1.01\	101\	75-125\20		09.27.01	
QC BATCH: I010079TKN							
Total Kjeldahl Nitrogen	5.00	4.90\	98\	75-125\20		10.05.01	
QC BATCH: I010102AMM							
Ammonia as N	5.00	4.90\	98\	75-125\20		09.24.01	

LAB ORDER No.: B090670

MATRIX SPIKE ANALYTICAL RESULTS

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: I010035NNO QC SAMPLE LAB NUMBER: B090168-1								
Nitrate + Nitrite as N	0.4	1.00	1.41\1.55	101\115	75-125\20	9.5	09.27.01	
QC BATCH: I010079TKN QC SAMPLE LAB NUMBER: B090670-4								
Total Kjeldahl Nitrogen	5.3	5.00	10.2\9.95	98\93	75-125\20	2.5	10.05.01	
QC BATCH: I010102AMM QC SAMPLE LAB NUMBER: B090612-1								
Ammonia as N	ND	5.00	5.44\4.99	109\100	75-125\20	8.6	09.24.01	

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Columbia
Analytical
Services INC.
An Employee-Owned Company

October 10, 2001

Service Request No: K2106999

Todd Albertson
Caltest Analytical Laboratory
1885 North Kelly Road
Napa, CA 94558

Re: B090612

Dear Todd:

Enclosed are the results of the sample(s) submitted to our laboratory on 9/25/01. For your reference, these analyses have been assigned our service request number K2106999.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3280.

Respectfully submitted,

Columbia Analytical Services, Inc.

Les Kennedy
Project Chemist

LK/dj

Page 1 of [illegible]

1317 South 13th Avenue • P.O. Box 479 • Kelso, Washington 98626 • Telephone 360/ 577-7222 • Fax 360/636-10

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

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Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
i	The MRL/MDL has been elevated due to a matrix interference.
X	See case narrative.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
B	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
E	The reported value is estimated because of the presence of matrix interference.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL has been elevated due to a matrix interference.
X	See case narrative.
*	The duplicate analysis not within control limits. See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP Pesticides).
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
i	The MRL/MDL has been elevated due to a chromatographic interference.
X	See case narrative.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a *greater amount of lighter molecular weight* constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

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Chain of Custody Documentation

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Caltest
ANALYTICAL LABORATORY

1885 N. KELLY ROAD NAPA, CA 94558 (707) 258-4000 FAX (707) 226-1001 www.caltestlab.com

PAGE 1 OF 1

SAMPLE CHAIN OF CUSTODY

PROJECT NAME / PROJECT NUMBER: B090612	P.O #: B090612	LAB ORDER #: 1210[illegible]	
CLIENT: Caltest Analytical Laboratory	REPORT TO: (circle one) Bill Svoboda, Michael Hamilton, [✓ Todd Albertson]		
MAILING ADDRESS: 1885 N. Kelly Road	STATE: CA	ZIP: 94558	
BILLING ADDRESS: Same	ATTN: Same		
PHONE #: 707/258-4000	FAX PHONE: 707/226-1001	SAMPLER (PRINT & SIGN NAME):	

000

ANALYSED REQUESTED

TURN-AROUND TIME
☒ STANDARD
☐ RUSH
DUE DATE:

CALTEST LAB #	DATE SAMPLED	TIME SAMPLED	SAMPLE MATRIX*	CONTAINER TYPE/ AMOUNT**	PRESERVATIVE	SAMPLE IDENTIFICATION / SITE	HEXAVALENT CHROMIUM (VI) TTLC	FLUORIDE TTLC (Using Bellack Distillation)	REACTIVE CYANIDE	REACTIVE SULFIDE	ORGANIC LEAD	EPA 8151 TTLC	EPA 8151 TCLP	EPA 8260 + MTBE ✱	TOC	pH, %moisture	REMARKS
1	09 18 01		Aqueous	3VOA	HCL	G-8								X	~~X~~		*Include P.O. # on report and Invoice
2	09 18 01		↓		↓	G-15								X	~~X~~		*Include full Sample Id/Site description
3	09 18 01					G-10								X	~~X~~		on report.
4	09 18 01					G-13								X	~~X~~		*Please RETURN COOLER.
5	09 18 01					G-6								X	~~X~~		
6	09 18 01					G-4								X	~~X~~		
7	09 18 01					G-20								X	~~X~~		
8	09 18 01					G-28								X	~~X~~		
9	09 18 01					X-DUP								X	~~X~~		
10	09.18.01					TRIPBLANK								X			
						✱ Refer to attached compound list											

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
B. Svoboda	9/24/ 1355	9/25/01 0930		/	
	/			/	

FOR LAB USE ONLY									
Samples:	WC	MICRO	BIO	AA	SV	VOA	pH? Y/N	TEMP:	SEALED: Y/N	INTACT: Y/N
BD:	BIO	WC	AA						
CC:	AA	SV	VOA						
SIL:	HP	PT	QT	VOA					
W/HNO₃	H₂SO₄	NaOH							
PII:	HNO₃	H₂SO₄	NaOH	HCL					

COMMENTS:

SUBCONTRACT LAB NAME:
COLUMBIA ANALYTICAL SERVICES
1317 SOUTH 13TH AVENUE
KELSO, WA 98626
PH (360) 577-7222

*MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals, FE = Low R L s, Aqueous Nondrinking Water, Digested Metals, DW = Drinking Water, SL = Soil Sludge, Solid ; FP = Free Product

**CONTAINER TYPES: AL = Amber Liter, AHL = 500 ml Amber, PT = Pint (Plastic); QT = Quart (Plastic), HG = Half Gallon (Plastic), SJ = Soil Jar, B4 = 4oz BACT, BT = Brass Tube, VOA = 40mL VOA; OTC - Other Type Container

R PB M F

WHITE - LABORATORY YELLOW - CLIENT COPY TO ACCOMPANY FINAL REPORT PINK - CLIENT COPY AS RECEIPT

REV 2/25/00

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form

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Project/Client Caltest Work Order K21 06999

Cooler received on 9/25/01 and opened on 9/25/01 by SA

1. Were custody seals on outside of cooler? YES [✓ NO]
If yes, how many and where?

2. Were seals intact and signature & date correct? YES NO

3. COC #

Temperature of cooler(s) upon receipt: 12.5

Temperature Blank: /

4. Were custody papers properly filled out (ink, signed, etc.)? YES NO

5. Type of packing material present inserts

6. Did all bottles arrive in good condition (unbroken)? [✓ YES] NO

7. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? [✓ YES] NO

8. Did all bottle labels and tags agree with custody papers? [✓ YES] NO

9. *Were the correct types of bottles used for the tests indicated?* [✓ YES] NO

10. Were all of the preserved bottles received at the lab with the appropriate pH? Cl2/RES negative ~~YES NO~~

11. Were VOA vials checked for absence of air bubbles, and if present, noted below? [✓ YES] NO

12. Did the bottles originate from CAS/K or a branch laboratory? YES [✓ NO]

Explain any discrepancies

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

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Volatile Organic Compounds

EPA 8260B

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

COPY

Sample Name:	G-8	**Units:**	ug/L
Lab Code:	K2106999-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	No
Dichlorodifluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Acetone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethene	**11**		0.50	1	09/29/01	09/29/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/29/01	09/29/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethane	**3.6**		0.50	1	09/29/01	09/29/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	**2.2**		0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Benzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichloroethene (TCE)	**2.9**		0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Toluene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Tetrachloroethene (PCE)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-8	**Units:**	ug/L
Lab Code:	K2106999-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Styrene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	

Comments: ______________________________

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/[illegible]5/2001

COPY

Volatile Organic Compounds

Sample Name:	G-8	**Units:**	ug/L
Lab Code:	K2106999-001	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	97	87-115	09/29/01	Acceptable
Toluene-d8	100	83-116	09/29/01	Acceptable
4-Bromofluorobenzene	96	75-120	09/29/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090612
Sample Matrix: Water

Service Request: K2106999
Date Collected: 09/18/2001
Date Received: 09/25/2001

COPY

Volatile Organic Compounds

Sample Name: G-15
Lab Code: K2106999-002

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Acetone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/29/01	09/29/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Benzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichloroethene (TCE)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Toluene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Tetrachloroethene (PCE)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	

Comments:

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-15	**Units:**	ug/L
Lab Code:	K2106999-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dibromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Styrene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	

Comments:

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-15	**Units:**	ug/L
Lab Code:	K2106999-002	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	95	87-115	09/29/01	Acceptable
Toluene-d8	99	83-116	09/29/01	Acceptable
4-Bromofluorobenzene	95	75-120	09/29/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-10	**Units:**	ug/L
Lab Code:	K2106999-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dichlorodifluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Acetone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/29/01	09/29/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Benzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichloroethene (TCE)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Toluene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Tetrachloroethene (PCE)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-10	**Units:**	ug/L
Lab Code:	K2106999-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Styrene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	

Comments:

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-10	**Units:**	ug/L
Lab Code:	K2106999-003	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	97	87-115	09/29/01	Acceptable
Toluene-d8	98	83-116	09/29/01	Acceptable
4-Bromofluorobenzene	97	75-120	09/29/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-13	**Units:**	ug/L
Lab Code:	K2106999-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Acetone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/30/01	09/30/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Benzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichloroethene (TCE)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Toluene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Tetrachloroethene (PCE)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	

Comments:

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090612
Sample Matrix: Water

Service Request: K2106999
Date Collected: 09/18/2001
Date Received: 09/25/2001

COPY

Volatile Organic Compounds

Sample Name: G-13
Lab Code: K2106999-004

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dibromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Styrene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-13	**Units:**	ug/L
Lab Code:	K2106999-004	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	97	87-115	09/30/01	Acceptable
Toluene-d8	98	83-116	09/30/01	Acceptable
4-Bromofluorobenzene	95	75-120	09/30/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090612
Sample Matrix: Water

Service Request: K2106999
Date Collected: 09/18/2001
Date Received: 09/25/2001

COPY

Volatile Organic Compounds

Sample Name: G-6
Lab Code: K2106999-005

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low

Analyte Name	**Result**	**Q**	**MRL**	**Dilution Factor**	**Date Extracted**	**Date Analyzed**	**Extraction Lot**	**Not**
Dichlorodifluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Acetone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/30/01	09/30/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Benzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichloroethene (TCE)	**0.83**		0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Toluene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Tetrachloroethene (PCE)	**2.1**		0.50	1	09/30/01	09/30/01	KWG0106398	

Comments:

Client: Caltest Analytical Laboratory
Project: B090612
Sample Matrix: Water

Service Request: K2106999
Date Collected: 09/18/2001
Date Received: 09/25/2001

COPY

Volatile Organic Compounds

Sample Name: G-6
Lab Code: K2106999-005

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Styrene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-6	**Units:**	ug/L
Lab Code:	K2106999-005	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	98	87-115	09/30/01	Acceptable
Toluene-d8	98	83-116	09/30/01	Acceptable
4-Bromofluorobenzene	94	75-120	09/30/01	Acceptable

Comments:

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-4	**Units:**	ug/L
Lab Code:	K2106999-006	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Acetone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/30/01	09/30/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Benzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichloroethene (TCE)	**3.2**		0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Toluene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Tetrachloroethene (PCE)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090612
Sample Matrix: Water

Service Request: K2106999
Date Collected: 09/18/2001
Date Received: 09/25/2001

COPY

Volatile Organic Compounds

Sample Name: G-4
Lab Code: K2106999-006

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dibromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Styrene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichlorobenzene	**0.63**		0.50	1	09/30/01	09/30/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,4-Dichlorobenzene	**2.2**		0.50	1	09/30/01	09/30/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trichlorobenzene	**2.7**		2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-4	**Units:**	ug/L
Lab Code:	K2106999-006	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	99	87-115	09/30/01	Acceptable
Toluene-d8	99	83-116	09/30/01	Acceptable
4-Bromofluorobenzene	98	75-120	09/30/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-20	**Units:**	ug/L
Lab Code:	K2106999-007	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dichlorodifluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Acetone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethene	**0.59**		0.50	1	09/30/01	09/30/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/30/01	09/30/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroform	**0.54**		0.50	1	09/30/01	09/30/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Benzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichloroethene (TCE)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Toluene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Tetrachloroethene (PCE)	**0.65**		0.50	1	09/30/01	09/30/01	KWG0106398	

Comments:

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-20	**Units:**	ug/L
Lab Code:	K2106999-007	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Styrene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	

Comments:

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-20	**Units:**	ug/L
Lab Code:	K2106999-007	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	98	87-115	09/30/01	Acceptable
Toluene-d8	100	83-116	09/30/01	Acceptable
4-Bromofluorobenzene	97	75-120	09/30/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-28	**Units:**	ug/L
Lab Code:	K2106999-008	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Acetone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methyl tert-Butyl Ether	**1.5**		0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/30/01	09/30/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
cis-1,2-Dichloroethene	**2.1**		0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Benzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichloroethene (TCE)	**11**		0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Toluene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Tetrachloroethene (PCE)	**3.8**		0.50	1	09/30/01	09/30/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090612
Sample Matrix: Water

Service Request: K2106999
Date Collected: 09/18/2001
Date Received: 09/25/2001

COPY

Volatile Organic Compounds

Sample Name: G-28
Lab Code: K2106999-008

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	No
Dibromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Styrene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	

Comments: ____________________

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	G-28	**Units:**	ug/L
Lab Code:	K2106999-008	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	98	87-115	09/30/01	Acceptable
Toluene-d8	99	83-116	09/30/01	Acceptable
4-Bromofluorobenzene	96	75-120	09/30/01	Acceptable

Comments:

00029

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090612
Sample Matrix: Water

Service Request: K2106999
Date Collected: 09/18/2001
Date Received: 09/25/2001

COPY

Volatile Organic Compounds

Sample Name: X-DUP @G-8
Lab Code: K2106999-009

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dichlorodifluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Acetone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethene	**12**		0.50	1	09/30/01	09/30/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/30/01	09/30/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloroethane	**3.5**		0.50	1	09/30/01	09/30/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	**2.2**		0.50	1	09/30/01	09/30/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Benzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Trichloroethene (TCE)	**2.9**		0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Toluene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Tetrachloroethene (PCE)	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	X-DUP	**Units:**	ug/L
Lab Code:	K2106999-009	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Styrene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/30/01	09/30/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/30/01	09/30/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	X-DUP	**Units:**	ug/L
Lab Code:	K2106999-009	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	99	87-115	09/30/01	Acceptable
Toluene-d8	98	83-116	09/30/01	Acceptable
4-Bromofluorobenzene	95	75-120	09/30/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	K2106999-010	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Acetone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Methylene Chloride	**1.2**		1.0	1	09/29/01	09/29/01	KWG0106398	◁
trans-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Benzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichloroethene (TCE)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Toluene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Tetrachloroethene (PCE)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	K2106999-010	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dibromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Styrene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	09/18/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

COPY

Volatile Organic Compounds

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	K2106999-010	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	96	87-115	09/29/01	Acceptable
Toluene-d8	97	83-116	09/29/01	Acceptable
4-Bromofluorobenzene	96	75-120	09/29/01	Acceptable

Comments:

00035

Client: Caltest Analytical Laboratory
Project: B090612
Sample Matrix: Water

Service Request: K2106999
Date Collected: NA
Date Received: NA

COPY

Volatile Organic Compounds

Sample Name: Method Blank
Lab Code: KWG0106398-4

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dichlorodifluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Vinyl Chloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichlorofluoromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Acetone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Methyl tert-Butyl Ether	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Disulfide	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Methylene Chloride	ND	U	1.0	1	09/29/01	09/29/01	KWG0106398	
trans-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
2-Butanone (MEK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
2,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
cis-1,2-Dichloroethene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Chloroform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Carbon Tetrachloride	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Benzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Trichloroethene (TCE)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromodichloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Dibromomethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
2-Hexanone	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
cis-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Toluene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
trans-1,3-Dichloropropene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,2-Trichloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Tetrachloroethene (PCE)	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	

Comments: ______________________

Client: Caltest Analytical Laboratory
Project: B090612
Sample Matrix: Water

Service Request: K2106999
Date Collected: NA
Date Received: NA

COPY

Volatile Organic Compounds

Sample Name: Method Blank
Lab Code: KWG0106398-4

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Chlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Ethylbenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
m,p-Xylenes	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
o-Xylene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Styrene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromoform	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Isopropylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichloropropane	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
Bromobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
n-Propylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
2-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
4-Chlorotoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3,5-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
tert-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trimethylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
sec-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,3-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
4-Isopropyltoluene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,4-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
n-Butylbenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2-Dichlorobenzene	ND	U	0.50	1	09/29/01	09/29/01	KWG0106398	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,4-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
1,2,3-Trichlorobenzene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Naphthalene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	
Hexachlorobutadiene	ND	U	2.0	1	09/29/01	09/29/01	KWG0106398	

Comments: ______________________________

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2106999
Project:	B090612	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

COPY

Volatile Organic Compounds

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	KWG0106398-4	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	95	87-115	09/29/01	Acceptable
Toluene-d8	99	83-116	09/29/01	Acceptable
4-Bromofluorobenzene	95	75-120	09/29/01	Acceptable

Comments:

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Columbia
Analytical
Services INC.
An Employee-Owned Company

October 11, 2001

Service Request No: K2107000

Todd Albertson
Caltest Analytical Laboratory
1885 North Kelly Road
Napa, CA 94558

Re: B090670

Dear Todd:

Enclosed are the results of the sample(s) submitted to our laboratory on 09/25/01. For your reference, these analyses have been assigned our service request number K2107000.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3280.

Respectfully submitted,

Columbia Analytical Services, Inc.

Les Kennedy
Project Chemist

LK/dj

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

COPY

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
i	The MRL/MDL has been elevated due to a matrix interference.
X	See case narrative.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
B	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
E	The reported value is estimated because of the presence of matrix interference.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL has been elevated due to a matrix interference.
X	See case narrative.
*	The duplicate analysis not within control limits. See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP Pesticides).
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
i	The MRL/MDL has been elevated due to a chromatographic interference.
X	See case narrative.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

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Case Narrative

COPY

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Caltest Analytical Laboratory	**Service Request No.:**	K2107000
Project:	B090670	**Date Received:**	9/25/01
Sample Matrix:	Water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier I data deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Seven aqueous samples were received for analysis at Columbia Analytical Services on 9/25/01. The following discrepancies were noted upon initial sample inspection. The cooler temperature upon receipt was 12.5°C. The exceptions are also noted on the cooler receipt and preservation form included in this data package. The samples received were consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

Inorganic Parameters

No anomalies associated with the analysis of this batch were observed.

Volatile Organic Compounds by EPA Method 8260B

CCV Exceptions

The percent difference (%D) criterion for Dichlorodifluoromethane was not met in Continuing Calibration Verification (CCV) MS02\1001F028.D. In accordance with CAS standard operating procedures, an MRL check standard containing the analyte of concern was analyzed each day of analysis. The MRL check standard verifies instrument sensitivity was adequate to detect the analyte at the MRL on the day of analysis. Because the sensitivity was shown to be adequate to detect the compound in question, the data quality has not been significantly affected. No further corrective action was feasible.

Approved by__________ **Date** 10/11/01

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Chain of Custody Documentation

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Caltest
ANALYTICAL LABORATORY

1885 N. KELLY ROAD NAPA, CA 94558 (707) 258-4000 FAX (707) 226-1001 www.caltestlab.com

PAGE 1 OF 1

SAMPLE CHAIN OF CUSTODY

PROJECT NAME / PROJECT NUMBER: B090670
P.O. #: B090670
LAB ORDER #: 10107000

CLIENT: Caltest Analytical Laboratory	REPORT TO: (circle one) Bill Svoboda	Michael Hamilton	[✓ Todd Albertson]
MAILING ADDRESS: 1885 N. Kelly Road	STATE: CA	ZIP: 94558	
BILLING ADDRESS: Same	ATTN: Same		
PHONE #: 707/258-4000	FAX PHONE: 707/226-1001	SAMPLER (PRINT & SIGN NAME):	

ANALYSED REQUESTED

BL 9/24/01

TURN-AROUND TIME
☒ STANDARD
☐ RUSH
DUE DATE:

CALTEST LAB #	DATE SAMPLED	TIME SAMPLED	SAMPLE MATRIX*	CONTAINER TYPE/ AMOUNT**	PRESERVATIVE	SAMPLE IDENTIFICATION / SITE	HEXAVALENT CHROMIUM (VI) TTLC	FLUORIDE TTLC (Using Bellack Distillation)	REACTIVE CYANIDE	REACTIVE SULFIDE	ORGANIC LEAD	EPA 8151 TTLC	EPA 8151 TCLP	EPA 8260 + MTBE ✱	~~TOC~~	pH, %moisture	REMARKS
1	09.19.01		Aqueous	3VOA	HCl	G-5								X	~~X~~		*Include P.O. # on report and invoice.
2	09.19.01					G-7								X	~~X~~		*Include full Sample Id/Site description
3	09.19.01					G-11								X	~~X~~		on report.
4	09.19.01					G-21								X	~~X~~		*Please RETURN COOLER.
5	09.19.01					G-22								X	~~X~~		
6	09.19.01					SWM-1								X	~~X~~		
7	09.19.01					SWM-2								X	~~X~~		

✱ Refer to attached compound list.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
Bill Svoboda	9/24/1355	9/25/01 0930			

FOR LAB USE ONLY

Samples WC ___ MICRO ___ BIO ___ AA ___ SV ___ VOA ___
pH? Y/N
TEMP:
SEALED: Y/N
INTACT: Y/N
BD: BIO ___ WC ___ AA ___
CC: AA ___ SV ___ VOA ___
SIL: HP ___ PT ___ QT ___ VOA ___
W/HNO_3 ___ H_2SO_4 ___ NaOH ___
PIL: HNO_3 ___ H_2SO_4 ___ NaOH ___ HCL ___

COMMENTS:

SUBCONTRACT LAB NAME:
COLUMBIA ANALYTICAL SERVICES
1317 SOUTH 13TH AVENUE
KELSO, WA 98626
PH (360) 577-7222

*MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R L s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water, SL = Soil Sludge, Solid ; FP = Free Product

**CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber, PT = Pint (Plastic), QT = Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4oz BACT; BT = Brass Tube; VOA = 40mL VOA; OTC - Other Type Container

R ___ PR ___ M ___ F ___

REV 2/25/00

WHITE - LABORATORY YELLOW - CLIENT COPY TO ACCOMPANY FINAL REPORT PINK - CLIENT COPY AS RECEIPT

COPY

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form

Project/Client Caltest Work Order K21 07000

Cooler received on 9/25/01 and opened on 9/25/01 by KA

1. Were custody seals on outside of cooler? YES [✓ NO]
   If yes, how many and where?
2. Were seals intact and signature & date correct? YES NO
3. COC #
   Temperature of cooler(s) upon receipt: 12.5
   Temperature Blank: /
4. Were custody papers properly filled out (ink, signed, etc.)? YES NO
5. Type of packing material present inserts
6. Did all bottles arrive in good condition (unbroken)? [✓ YES] NO
7. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? [✓ YES] NO
8. Did all bottle labels and tags agree with custody papers? [✓ YES] NO
9. *Were the correct types of bottles used for the tests indicated?* [✓ YES] NO
10. Were all of the preserved bottles received at the lab with the appropriate pH? Cl2/RES negative ~~YES NO~~
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? [✓ YES] NO
12. Did the bottles originate from CAS/K or a branch laboratory? YES [✓ NO]

Explain any discrepancies

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

COPY

Inorganic Parameters

COPY

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/01
Sample Matrix:	Water	**Date Received:**	09/25/01
		Date Extracted:	NA
		Date Analyzed:	10/03/01

Carbon, Total Organic
EPA Method 415.1
Units: mg/L (ppm)
Basis

Sample Name	**Lab Code**	**MRL**	**Result**
G-5	K2107000-001	0.5	7.1
G-7	K2107000-002	0.5	8.3
G-11	K2107000-003	0.5	4.6
G-21	K2107000-004	0.5	20.8
G-22	K2107000-005	0.5	5.8
SWM-1	K2107000-006	0.5	8.1
SWM-2	K2107000-007	0.5	5.4
Method Blank	K2107000-MB	0.5	ND

Approved By: ______________________ Date: 10/10/01

1AMRL/102594

07000WET DM1 - 1AMRL 10/10/01

COPY

Volatile Organic Compounds
EPA 8260B

COPY

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-5	**Units:**	ug/L
Lab Code:	K2107000-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	No
Dichlorodifluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	*
Chloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Vinyl Chloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichlorofluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Acetone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methyl tert-Butyl Ether	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Disulfide	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methylene Chloride	ND	U	1.0	1	10/02/01	10/02/01	KWG0106460	
trans-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Butanone (MEK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
2,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
cis-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Tetrachloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Benzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichloroethene (TCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromodichloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Dibromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Hexanone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
cis-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Toluene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
trans-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,2-Trichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Tetrachloroethene (PCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	

Comments:

COPY

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-5	**Units:**	ug/L
Lab Code:	K2107000-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Chlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Ethylbenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
m,p-Xylenes	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
o-Xylene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Styrene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromoform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Isopropylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
n-Propylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
2-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
4-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3,5-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
tert-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
sec-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Isopropyltoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,4-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
n-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Naphthalene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Hexachlorobutadiene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	

* See Case Narrative

Comments: ______________________________

COPY

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-5	**Units:**	ug/L
Lab Code:	K2107000-001	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	102	87-115	10/02/01	Acceptable
Toluene-d8	102	83-116	10/02/01	Acceptable
4-Bromofluorobenzene	95	75-120	10/02/01	Acceptable

Comments:

00010

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-7	**Units:**	ug/L
Lab Code:	K2107000-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	*
Chloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Vinyl Chloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichlorofluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Acetone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methyl tert-Butyl Ether	**0.77**		0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Disulfide	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methylene Chloride	ND	U	1.0	1	10/02/01	10/02/01	KWG0106460	
trans-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Butanone (MEK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
2,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
cis-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Tetrachloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Benzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichloroethene (TCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromodichloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Dibromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Hexanone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
cis-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Toluene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
trans-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,2-Trichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Tetrachloroethene (PCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	

Comments:

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090670
Sample Matrix: Water

Service Request: K2107000
Date Collected: 09/19/2001
Date Received: 09/25/2001

Volatile Organic Compounds

Sample Name: G-7
Lab Code: K2107000-002

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dibromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Chlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Ethylbenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
m,p-Xylenes	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
o-Xylene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Styrene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromoform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Isopropylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
n-Propylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
2-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
4-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3,5-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
tert-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
sec-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Isopropyltoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,4-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
n-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Naphthalene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Hexachlorobutadiene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	

* See Case Narrative

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090670
Sample Matrix: Water

Service Request: K2107000
Date Collected: 09/19/2001
Date Received: 09/25/2001

Volatile Organic Compounds

Sample Name: G-7
Lab Code: K2107000-002

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	101	87-115	10/02/01	Acceptable
Toluene-d8	100	83-116	10/02/01	Acceptable
4-Bromofluorobenzene	93	75-120	10/02/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

COPY

Client:	Caltest Analytical Laboratory		**Service Request:**	K2107000
Project:	B090670		**Date Collected:**	09/19/2001
Sample Matrix:	Water		**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-11		**Units:**	ug/L
Lab Code:	K2107000-003		**Basis:**	NA
Extraction Method:	EPA 5030B		**Level:**	Low
Analysis Method:	8260B			

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	*
Chloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Vinyl Chloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichlorofluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Acetone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methyl tert-Butyl Ether	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Disulfide	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methylene Chloride	ND	U	1.0	1	10/02/01	10/02/01	KWG0106460	
trans-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Butanone (MEK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
2,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
cis-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Tetrachloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Benzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichloroethene (TCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromodichloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Dibromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Hexanone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
cis-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Toluene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
trans-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,2-Trichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Tetrachloroethene (PCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	

Comments:

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Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-11	**Units:**	ug/L
Lab Code:	K2107000-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Chlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Ethylbenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
m,p-Xylenes	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
o-Xylene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Styrene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromoform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Isopropylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
n-Propylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
2-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
4-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3,5-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
tert-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
sec-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Isopropyltoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,4-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
n-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Naphthalene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Hexachlorobutadiene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	

* See Case Narrative

Comments:

COPY

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-11	**Units:**	ug/L
Lab Code:	K2107000-003	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	104	87-115	10/02/01	Acceptable
Toluene-d8	103	83-116	10/02/01	Acceptable
4-Bromofluorobenzene	96	75-120	10/02/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

COPY

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-21	**Units:**	ug/L
Lab Code:	K2107000-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	*
Chloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Vinyl Chloride	**1.2**		0.50	1	10/02/01	10/02/01	KWG0106460	
Bromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichlorofluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Acetone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methyl tert-Butyl Ether	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Disulfide	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methylene Chloride	ND	U	1.0	1	10/02/01	10/02/01	KWG0106460	
trans-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethane	**2.3**		0.50	1	10/02/01	10/02/01	KWG0106460	
2-Butanone (MEK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
2,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
cis-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Tetrachloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Benzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichloroethene (TCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromodichloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Dibromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Hexanone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
cis-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Toluene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
trans-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,2-Trichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Tetrachloroethene (PCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	

Comments:

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-21	**Units:**	ug/L
Lab Code:	K2107000-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Chlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Ethylbenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
m,p-Xylenes	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
o-Xylene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Styrene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromoform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Isopropylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
n-Propylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
2-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
4-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3,5-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
tert-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
sec-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Isopropyltoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,4-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
n-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Naphthalene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Hexachlorobutadiene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	

* See Case Narrative

Comments: ____________________

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-21	**Units:**	ug/L
Lab Code:	K2107000-004	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	101	87-115	10/02/01	Acceptable
Toluene-d8	102	83-116	10/02/01	Acceptable
4-Bromofluorobenzene	94	75-120	10/02/01	Acceptable

Comments:

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-22	**Units:**	ug/L
Lab Code:	K2107000-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	*
Chloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Vinyl Chloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichlorofluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Acetone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethene	**5.3**		0.50	1	10/02/01	10/02/01	KWG0106460	
Methyl tert-Butyl Ether	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Disulfide	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methylene Chloride	ND	U	1.0	1	10/02/01	10/02/01	KWG0106460	
trans-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethane	**0.78**		0.50	1	10/02/01	10/02/01	KWG0106460	
2-Butanone (MEK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
2,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
cis-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1-Trichloroethane (TCA)	**1.3**		0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Tetrachloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Benzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichloroethene (TCE)	**2.0**		0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromodichloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Dibromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Hexanone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
cis-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Toluene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
trans-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,2-Trichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Tetrachloroethene (PCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

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Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	G-22	**Units:**	ug/L
Lab Code:	K2107000-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Chlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Ethylbenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
m,p-Xylenes	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
o-Xylene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Styrene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromoform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Isopropylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
n-Propylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
2-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
4-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3,5-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
tert-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
sec-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Isopropyltoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,4-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
n-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Naphthalene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Hexachlorobutadiene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	

* See Case Narrative

Comments: ____________________

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090670
Sample Matrix: Water

Service Request: K2107000
Date Collected: 09/19/2001
Date Received: 09/25/2001

Volatile Organic Compounds

Sample Name: G-22
Lab Code: K2107000-005

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	102	87-115	10/02/01	Acceptable
Toluene-d8	100	83-116	10/02/01	Acceptable
4-Bromofluorobenzene	96	75-120	10/02/01	Acceptable

Comments:

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	SWM-1	**Units:**	ug/L
Lab Code:	K2107000-006	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	*
Chloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Vinyl Chloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichlorofluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Acetone	**54**		20	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methyl tert-Butyl Ether	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Disulfide	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methylene Chloride	ND	U	1.0	1	10/02/01	10/02/01	KWG0106460	
trans-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Butanone (MEK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
2,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
cis-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Tetrachloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Benzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichloroethene (TCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromodichloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Dibromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Hexanone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
cis-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Toluene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
trans-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,2-Trichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Tetrachloroethene (PCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	

Comments:

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	SWM-1	**Units:**	ug/L
Lab Code:	K2107000-006	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dibromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Chlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Ethylbenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
m,p-Xylenes	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
o-Xylene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Styrene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromoform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Isopropylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
n-Propylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
2-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
4-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3,5-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
tert-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
sec-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Isopropyltoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,4-Dichlorobenzene	**0.56**		0.50	1	10/02/01	10/02/01	KWG0106460	
n-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Naphthalene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Hexachlorobutadiene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	

* See Case Narrative

Comments: ______________________________

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Caltest Analytical Laboratory
Project: B090670
Sample Matrix: Water

Service Request: K2107000
Date Collected: 09/19/2001
Date Received: 09/25/2001

Volatile Organic Compounds

Sample Name: SWM-1
Lab Code: K2107000-006

Units: ug/L
Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	101	87-115	10/02/01	Acceptable
Toluene-d8	98	83-116	10/02/01	Acceptable
4-Bromofluorobenzene	93	75-120	10/02/01	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

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Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	SWM-2	**Units:**	ug/L
Lab Code:	K2107000-007	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dichlorodifluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	*
Chloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Vinyl Chloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichlorofluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Acetone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methyl tert-Butyl Ether	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Disulfide	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methylene Chloride	ND	U	1.0	1	10/02/01	10/02/01	KWG0106460	
trans-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Butanone (MEK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
2,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
cis-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroform	**0.59**		0.50	1	10/02/01	10/02/01	KWG0106460	
Bromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Tetrachloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Benzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichloroethene (TCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromodichloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Dibromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Hexanone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
cis-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Toluene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
trans-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,2-Trichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Tetrachloroethene (PCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	

Comments:

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	SWM-2	**Units:**	ug/L
Lab Code:	K2107000-007	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	**Result**	**Q**	**MRL**	**Dilution Factor**	**Date Extracted**	**Date Analyzed**	**Extraction Lot**	**Note**
Dibromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Chlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Ethylbenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
m,p-Xylenes	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
o-Xylene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Styrene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromoform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Isopropylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
n-Propylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
2-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
4-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3,5-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
tert-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
sec-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Isopropyltoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,4-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
n-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Naphthalene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Hexachlorobutadiene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	

* See Case Narrative

Comments: ____________________

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	09/19/2001
Sample Matrix:	Water	**Date Received:**	09/25/2001

Volatile Organic Compounds

Sample Name:	SWM-2	**Units:**	ug/L
Lab Code:	K2107000-007	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	101	87-115	10/02/01	Acceptable
Toluene-d8	99	83-116	10/02/01	Acceptable
4-Bromofluorobenzene	91	75-120	10/02/01	Acceptable

Comments:

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

lient:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	NA
ample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	KWG0106460-4	**Basis:**	NA
xtraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	*
hloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
inyl Chloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
hloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
richlorofluoromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Acetone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
,1-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methyl tert-Butyl Ether	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Disulfide	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Methylene Chloride	ND	U	1.0	1	10/02/01	10/02/01	KWG0106460	
rans-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Butanone (MEK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
2,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
cis-1,2-Dichloroethene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Chloroform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Carbon Tetrachloride	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Benzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Trichloroethene (TCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromodichloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Dibromomethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
2-Hexanone	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
cis-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Toluene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
trans-1,3-Dichloropropene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,2-Trichloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Methyl-2-pentanone (MIBK)	ND	U	20	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Tetrachloroethene (PCE)	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	

Comments:

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	KWG0106460-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
Dibromochloromethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromoethane (EDB)	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Chlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Ethylbenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
m,p-Xylenes	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
o-Xylene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Styrene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromoform	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Isopropylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichloropropane	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
Bromobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
n-Propylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
2-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
4-Chlorotoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3,5-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
tert-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trimethylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
sec-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,3-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
4-Isopropyltoluene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,4-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
n-Butylbenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2-Dichlorobenzene	ND	U	0.50	1	10/02/01	10/02/01	KWG0106460	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,4-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
1,2,3-Trichlorobenzene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Naphthalene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	
Hexachlorobutadiene	ND	U	2.0	1	10/02/01	10/02/01	KWG0106460	

* See Case Narrative

Comments:

COPY

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Caltest Analytical Laboratory	**Service Request:**	K2107000
Project:	B090670	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	KWG0106460-4	**Basis:**	NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	98	87-115	10/02/01	Acceptable
Toluene-d8	100	83-116	10/02/01	Acceptable
4-Bromofluorobenzene	92	75-120	10/02/01	Acceptable

Comments:

Caltest
ANALYTICAL LABORATORY

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SAMPLE CHAIN OF CUSTODY

PAGE _____ OF _____

LAB ORDER #:

PROJECT # / PROJECT NAME: 830692 City of Sunnyvale Landfill

P.O. #:

CLIENT: City of Sunnyvale

REPORT TO: Bill Theyskens

ADDRESS: 450 West Olive Ave CITY: Sunnyvale STATE: CA ZIP: 94088 3707

BILLING ADDRESS: Same

PHONE #: 408 730 7916 FAX PHONE: 408 730 7886 SAMPLER (PRINT & SIGN NAME): Steve [illegible]

ANALYSES REQUESTED

TURN-AROUND TIME
☐ STANDARD
☐ RUSH

DUE DATE: _____

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	8260 (include MTBE)	TOC	Nitrate + Nitrite as N	Total Nitrogen	TKN	Ammonia	REMARKS
	9/11/01	1215	WATER	4 VOA 2 Lit	HCl/H_2SO_4	G-8			X	X	X	X	X	X	
		1345				G-15									
		1410				G-10									
		[illegible]				G-13									
		1650				G-6									
		1550				G-4									
		1430				G-20									
		1255				G-28									
	↓	/	↓	↓	↓	X-Dup									
	9/11/01	/	Water	3 VOA	HCl	Trip Blank-1			X	↓	↓	↓	↓	↓	

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
	[illegible] 11:15				

LAB USE ONLY

Samples: WC____ MICRO____ BIO____ AA____ SV____ VOA____ pH? Y/N TEMP____ SEALED: Y/N INTACT: Y/N

BD: BIO____ WC____ AA____

CC: AA____ SV____ VOA____

SIL: HP____ PT____ QT____ VOA____

W/HNO_3____ H_2SO_4____ NaOH____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

WHITE - LABORATORY YELLOW - CLIENT COPY TO ACCOMPANY FINAL REPORT PINK - CLIENT COPY AS RECEIPT REV. 2/99

Caltest
ANALYTICAL LABORATORY

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SAMPLE CHAIN OF CUSTODY

PAGE ______ OF ______

LAB ORDER #:

PROJECT # / PROJECT NAME: City of Sunnyvale Landfill

P.O. #

CLIENT: City of Sunnyvale

REPORT TO: Bill Theyskens

ADDRESS: 456 West Olive Ave CITY: Sunnyvale STATE: CA ZIP: 94088 3707

BILLING ADDRESS:

PHONE #: 408 730 7718 FAX PHONE: 408 730 75[illegible]

SAMPLER (PRINT & SIGN NAME): Jimmy J Avila X

ANALYSES REQUESTED

TURN-AROUND TIME
☐ STANDARD
☐ RUSH

DUE DATE: ____________

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	8260 include MTBE	TOC	Nitrate + Nitrite as N	Total Nitrogen	TKN	Ammonia	REMARKS
	9/19/01	1510	WATER	4 VOA 2 Lpc	HCl / [illegible]	G-5			X	X	X	X	X	X	
	↓	1200	↓	↓	↓	G-7			↓	↓	↓	↓	↓	↓	
	↓	1050	↓	↓	↓	G-11			↓	↓	↓	↓	↓	↓	
	↓	1150	↓	↓	↓	G-21			↓	↓	↓	↓	↓	↓	
	↓	1255	↓	↓	↓	G-22			↓	↓	↓	↓	↓	↓	
	↓	1530	↓	↓	↓	SWM-1			↓	↓	↓	↓	↓	↓	
	↓	1550	↓	↓	↓	SWM-2			↓	↓	↓	↓	↓	↓	
			↓	↓	↓	~~SWM-3~~			↓	↓	↓	↓	↓	↓	
	9/19/01	—	WATER			TRIP Blank-2			X						

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
	9/19/01 1630				

LAB USE ONLY

Samples: WC______ MICRO______ BIO______ AA______ SV______ VOA______ pH? Y/N TEMP:______ SEALED: Y/N INTACT: Y/N

BD: BIO______ WC______ AA______

CC: AA______ SV______ VOA______

SIL: HP______ PT______ QT______ VOA______

W/HNO_3______ H_2SO_4______ NaOH______

[redacted]

PIL: HNO_3______ H_2SO_4______ NaOH______ HCL______

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals, FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

WHITE - LABORATORY YELLOW - CLIENT COPY TO ACCOMPANY FINAL REPORT PINK - CLIENT COPY AS RECEIPT REV 2/99

SUNNYVALE LANDFILL
POST-CLOSURE MAINTENANCE INSPECTION

Date: 9/27/01 Inspected by: BILL THEYSKENS, SILVIANA RUIZ

Fill out the attached forms by indicating "Yes" or "No" for each observation at each of the listed monitoring stations. If you indicate "Yes" for any observations, please make a note at the bottom of the second page to explain the situation. The minimum information required for each positive observation is given below:

If there is evidence of fluid leaving or entering the unit, estimate the size of the affected area and the flow rate. Make a note of the precise location.

If there is evidence of ponded water on the refuse hills, make a note of size and depth of the pond, and the precise location.

If there is evidence of slope failure, settlement, cover cracking or erosion, make a note of the precise location and describe the situation.

If there is evidence of vandalism, make a note of the location and nature of the vandals.

If there is evidence of odors, note the character of the odor (e.g. landfill gas, garbage, rotten egg like, etc.), the apparent source of the odor, and the distance from the source to the station.

TOP DECKS OF THE LANDFILL

Monitoring Station	Evidence of Ponded Water	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
V-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-3 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-4 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-5 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-6 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-7 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-8 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-9 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

PERIMETERS AND SLOPES OF THE LANDFILL

Monitoring Station	Fluid entering or leaving	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
P-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-3 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-4 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-5 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-6 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-7 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-8 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-9 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-10 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-11 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-12 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-13 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-14 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-15 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-16 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-17 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-18 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-19 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-20 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-21 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

Comment:

9/27/01

sw 25.2

SUNNYVALE LANDFILL
POST-CLOSURE MAINTENANCE INSPECTION

Date: AUGUST 30, 2001 Inspected by: BILL THEYSKENS/SILVIANA RUIZ

Fill out the attached forms by indicating "Yes" or "No" for each observation at each of the listed monitoring stations. If you indicate "Yes" for any observations, please make a note at the bottom of the second page to explain the situation. The minimum information required for each positive observation is given below:

If there is evidence of fluid leaving or entering the unit, estimate the size of the affected area and the flow rate. Make a note of the precise location.

If there is evidence of ponded water on the refuse hills, make a note of size and depth of the pond, and the precise location.

If there is evidence of slope failure, settlement, cover cracking or erosion, make a note of the precise location and describe the situation.

If there is evidence of vandalism, make a note of the location and nature of the vandals.

If there is evidence of odors, note the character of the odor (e.g. landfill gas, garbage, rotten egg like, etc.), the apparent source of the odor, and the distance from the source to the station.

TOP DECKS OF THE LANDFILL

Monitoring Station	Evidence of Ponded Water	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
V-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-3 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-4 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-5 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-6 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-7 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-8 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-9 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

PERIMETERS AND SLOPES OF THE LANDFILL

Monitoring Station	Fluid entering or leaving	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
P-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-3 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-4 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-5 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-6 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-7 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-8 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-9 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-10 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-11 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-12 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-13 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-14 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-15 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-16 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-17 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-18 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-19 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-20 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-21 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

Comment: ____________________

8/30/01

SW 25.2

SUNNYVALE LANDFILL
POST-CLOSURE MAINTENANCE INSPECTION

Date: 7/30/01 Inspected by: SILVIANA RUIZ

Fill out the attached forms by indicating "Yes" or "No" for each observation at each of the listed monitoring stations. If you indicate "Yes" for any observations, please make a note at the bottom of the second page to explain the situation. The minimum information required for each positive observation is given below:

If there is evidence of fluid leaving or entering the unit, estimate the size of the affected area and the flow rate. Make a note of the precise location.

If there is evidence of ponded water on the refuse hills, make a note of size and depth of the pond, and the precise location.

If there is evidence of slope failure, settlement, cover cracking or erosion, make a note of the precise location and describe the situation.

If there is evidence of vandalism, make a note of the location and nature of the vandals.

If there is evidence of odors, note the character of the odor (e.g. landfill gas, garbage, rotten egg like, etc.), the apparent source of the odor, and the distance from the source to the station.

TOP DECKS OF THE LANDFILL

Monitoring Station	Evidence of Ponded Water	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
V-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-3 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-4 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-5 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / No
V-6 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-7 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes [✓ No]	Yes / [✓ No]
V-8 (East Hill)	Yes / [✓ No]	Yes [✓ No]	Yes [✓ No]	Yes [✓ No]
V-9 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

PERIMETERS AND SLOPES OF THE LANDFILL

Monitoring Station	Fluid entering or leaving	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
P-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-3 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-4 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-5 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-6 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-7 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-8 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-9 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-10 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-11 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-12 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-13 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-14 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-15 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-16 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-17 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-18 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-19 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-20 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-21 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

Comment:

7/30/01

SW 25.2

SUNNYVALE LANDFILL
POST-CLOSURE MAINTENANCE INSPECTION

Date: 6/28/01 Inspected by: Bill Theyskens
Silviana Ruiz

Fill out the attached forms by indicating "Yes" or "No" for each observation at each of the listed monitoring stations. If you indicate "Yes" for any observations, please make a note at the bottom of the second page to explain the situation. The minimum information required for each positive observation is given below:

If there is evidence of fluid leaving or entering the unit, estimate the size of the affected area and the flow rate. Make a note of the precise location.

If there is evidence of ponded water on the refuse hills, make a note of size and depth of the pond, and the precise location.

If there is evidence of slope failure, settlement, cover cracking or erosion, make a note of the precise location and describe the situation.

If there is evidence of vandalism, make a note of the location and nature of the vandals.

If there is evidence of odors, note the character of the odor (e.g. landfill gas, garbage, rotten egg like, etc.), the apparent source of the odor, and the distance from the source to the station.

TOP DECKS OF THE LANDFILL

Monitoring Station	Evidence of Ponded Water	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
V-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-3 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-4 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-5 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-6 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-7 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-8 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-9 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

PERIMETERS AND SLOPES OF THE LANDFILL

Monitoring Station	Fluid entering or leaving	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
P-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-3 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-4 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-5 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-6 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-7 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-8 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-9 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-10 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-11 (South Hill)	Yes / [✓ No]	WGT ~~Yes~~ / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-12 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-13 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-14 (South Hill)	Yes / [✓ No]	[✓ Yes] / ~~No~~ WGT	Yes / [✓ No]	Yes / [✓ No]
P-15 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-16 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-17 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-18 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-19 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-20 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-21 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

P-11 South Hill

Comment: Some shallow "rills" created by pressurized water used to fight the grass fire on this portion of the landfill

6/28/01

5 cw 25.2

SUNNYVALE LANDFILL
POST-CLOSURE MAINTENANCE INSPECTION

Date: 5/25/01 Inspected by: Bill Theyskens
Silviana Ruiz

Fill out the attached forms by indicating "Yes" or "No" for each observation at each of the listed monitoring stations. If you indicate "Yes" for any observations, please make a note at the bottom of the second page to explain the situation. The minimum information required for each positive observation is given below:

If there is evidence of fluid leaving or entering the unit, estimate the size of the affected area and the flow rate. Make a note of the precise location.

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If there is evidence of vandalism, make a note of the location and nature of the vandals.

If there is evidence of odors, note the character of the odor (e.g. landfill gas, garbage, rotten egg like, etc.), the apparent source of the odor, and the distance from the source to the station.

TOP DECKS OF THE LANDFILL

Monitoring Station	Evidence of Ponded Water	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
V-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-3 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-4 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-5 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-6 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-7 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-8 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-9 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

PERIMETERS AND SLOPES OF THE LANDFILL

Monitoring Station	Fluid entering or leaving	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
P-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-3 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-4 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-5 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-6 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-7 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-8 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-9 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-10 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-11 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-12 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-13 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-14 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-15 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-16 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-17 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-18 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-19 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-20 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-21 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

Comment:

5/25/01

SW 252

SUNNYVALE LANDFILL
POST-CLOSURE MAINTENANCE INSPECTION

Date: 4/27/01 Inspected by: Silviana Ruiz
Bill Theyskens

Fill out the attached forms by indicating "Yes" or "No" for each observation at each of the listed monitoring stations. If you indicate "Yes" for any observations, please make a note at the bottom of the second page to explain the situation. The minimum information required for each positive observation is given below:

If there is evidence of fluid leaving or entering the unit, estimate the size of the affected area and the flow rate. Make a note of the precise location.

If there is evidence of ponded water on the refuse hills, make a note of size and depth of the pond, and the precise location.

If there is evidence of slope failure, settlement, cover cracking or erosion, make a note of the precise location and describe the situation.

If there is evidence of vandalism, make a note of the location and nature of the vandals.

If there is evidence of odors, note the character of the odor (e.g. landfill gas, garbage, rotten egg like, etc.), the apparent source of the odor, and the distance from the source to the station.

TOP DECKS OF THE LANDFILL

Monitoring Station	Evidence of Ponded Water	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
V-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-3 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-4 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-5 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-6 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-7 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-8 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
V-9 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

PERIMETERS AND SLOPES OF THE LANDFILL

Monitoring Station	Fluid entering or leaving	Slope Failure, Settlement, Cover Cracking & Erosion	Evidence of Vandalism	Evidence of Odors
P-1 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-2 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-3 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-4 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-5 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-6 (West Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-7 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-8 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-9 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-10 (Recycle Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-11 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-12 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-13 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-14 (South Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-15 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-16 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-17 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-18 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-19 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-20 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]
P-21 (East Hill)	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]	Yes / [✓ No]

Comment:

4/27/01

California Regional Water Quality Control Board
San Francisco Bay Region

Linda S. Adams
Secretary for
Environmental Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
http://www.waterboards.ca.gov/sanfranciscobay

Arnold Schwarzenegger
Governor

Invitation to Comment on Proposed Remedial Action Plan for Cleanup of Soil at T-M Manufacturing and Lefco, Inc. Facilities

695 East Arques Avenue and 698 East Taylor Avenue
Sunnyvale, Santa Clara County
July 2006

Summary
The San Francisco Bay Regional Water Quality Control Board (Water Board) announces a proposed soil cleanup plan for T-M Manufacturing and Lefco, Inc. facilities. The cleanup plan consists of excavating and then either on-Site treatment or transport and off-Site disposal of soil impacted with Trichloroethene (TCE).

You are invited to submit comments on the proposed cleanup plan. Comments are due to the Water Board at the above address by August 31, 2006.

Background
The Site is approximately 3.64 acres of land at 695 East Arques Avenue and 698 East Taylor Avenue, located on the west side of Britton Avenue between East Arques Avenue and East Taylor Avenue in Sunnyvale (See Site Vicinity Map). The southern portion of the Site is occupied by T-M Manufacturing, a metal machining business. The northern portion of the Site is improved with a light commercial structure occupied by Lefco, a refrigeration supply and maintenance company. The Site has been occupied by the existing commercial structures from prior to 1956 to the present. Historic operations at T-M Manufacturing have included metal planning, grinding, and cutting. T-M Manufacturing has historically operated a TCE vapor degreaser, a former gasoline underground storage tank (UST), and currently utilizes a 5,000-gallon metal working fluid UST.

The Water Board is the lead agency overseeing soil and groundwater investigation and cleanup at this Site.

The Olson Company has proposed to build a condominium complex at this Site.

Site Investigation
Several environmental investigations have been performed at the Site between 2003 and 2006 to evaluate potential soil and groundwater contamination beneath the Site. These investigations have indicated that groundwater beneath the majority of the Site is impacted with TCE. Gasoline range hydrocarbons were not detected in groundwater at the UST location. The soil contamination appears to be localized and limited to the soil in the vicinity of the on-Site vapor degreaser. Based on groundwater analytical data, it appears that a release of TCE occurred from the vapor degreaser.

The Olson Company prepared a human health risk assessment report in July 2005 to evaluate health risks associated with TCE leached from the vapor degreaser. The report concluded that after removal of TCE-impacted soil, the relatively low concentrations of TCE in soil-gas and groundwater beneath the Site will not pose unacceptable health risks to occupants of the future buildings at this Site.

Shallow groundwater beneath the Site is 10 feet below ground surface and is not currently used for drinking or domestic purposes. The City of Sunnyvale supplies drinking water to the Site and the vicinity.

Previous Cleanup Activities

Records indicate that the underground storage tank was removed in 1984. Gasoline range petroleum hydrocarbons were not detected in a soil sample taken from the base of the excavated tank pit.

Proposed Cleanup Activities

In accordance with the Remedial Action Work Plan dated June 23, 2006, the Olson Company plans to excavate TCE-impacted soil in the vicinity of the vapor degreaser. The exact lateral extent of the excavation will be dictated through soil confirmation sampling with the excavation centered on the former vapor degreaser. Soils will be excavated down to the water table and relocated into stockpiles. Prior to backfilling the excavation, the exposed excavation will be treated using a chemical oxidizing compound. This will enhance breakdown of residual TCE concentrations in soil and groundwater. The excavation will then be backfilled with clean fill imported from other on-Site or off-Site locations.

Following excavation and backfill activities, two groundwater monitoring wells will be installed on the property in the down gradient direction of the excavation area (with respect to groundwater flow). The Olson Company will collect groundwater samples from the monitoring wells during two quarterly monitoring events to evaluate TCE levels and the need for additional soil or groundwater cleanup. If needed, groundwater monitoring will continue into the foreseeable future until Water Board-established cleanup standards for this Site are met.

We invite any interested parties to comment on the proposed soil cleanup plan. Written comments are due to the Water Board by August 31, 2006.

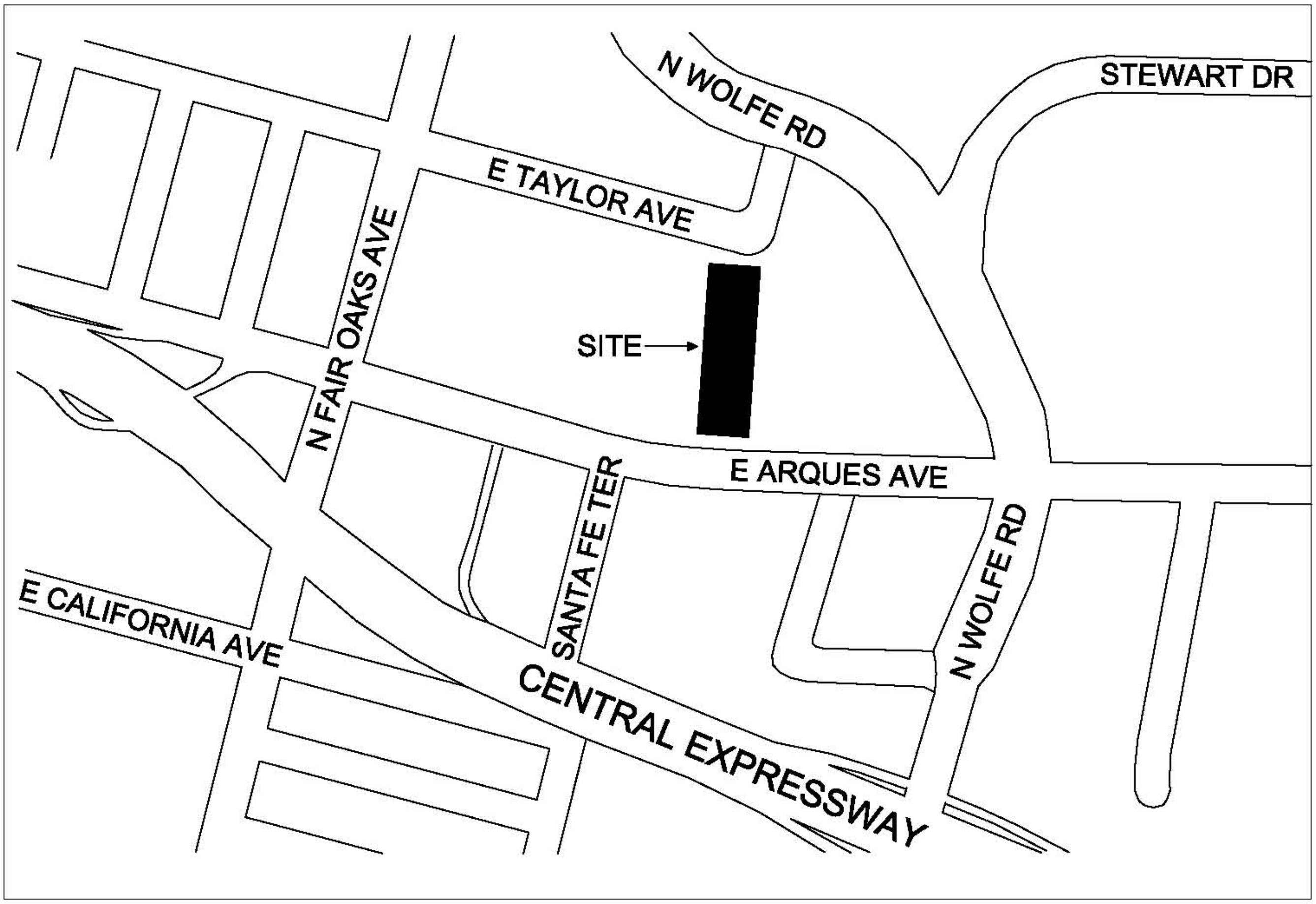
Water Board Oversight Process

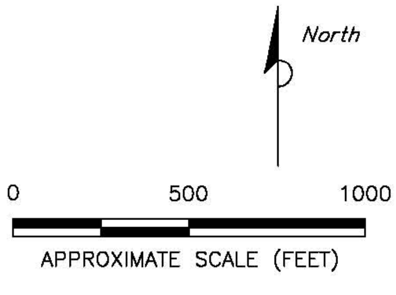
The Water Board oversees more than 3,000 site cleanup cases in the Bay Area, including more than 2,000 leaking fuel tank cases.

Water Board staff direct investigation or cleanup work and set cleanup standards under Water Code authority. Responsible parties (e.g. past operators) propose specific measures, perform the actual work, and submit technical reports documenting task completion.

As part of this process, we circulate key documents, such as draft cleanup plans, to interested persons and provide an opportunity for comment on these documents. Interested persons include other agencies, local officials, non-profit organizations, and interested landowners and residents/occupants in the Site vicinity.

For additional information: contact Water Board project manager Max Shahbazian at (510) 622-4824 or MShahbazian@waterboards.ca.gov, or the Olson Company consultant Dion Monge of SECOR International at (909) 335-6116 or DMonge@secor.com





TM MANUFACTURING
695 EAST ARQUES AVENUE
LEFCO, INC.
698 EAST TAYLOR ROAD
SUNNYVALE, CALIFORNIA

SITE VICINITY MAP

25864-F Business Center Drive
Redlands, California 92374
909.335.6116 TEL
909.335.6120 FAX

June 23, 2006

Mr. Max Shahbazian
California Regional Water Quality Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

RE: REMEDIAL ACTION PLAN FOR REMOVAL OF CHLORINATED SOLVENT IMPACTED SOIL, INSTALLATION OF MONITORING WELL, AND GROUNDWATER MONITORING PROGRAM
T-M Manufacturing Facility
695 East Arques Avenue
Sunnyvale, Santa Clara County,

Dear Mr. Shahbazian:

SECOR International Inc. (SECOR) has prepared this “Remedial Action Plan for Removal of Chlorinated Solvent Impacted Soil, Installation of A Monitoring Well, and groundwater Monitoring Program” at the T-M Manufacturing Facility, 695 East Arques Avenue (the “Site”), Sunnyvale, California (see attached Figure 1, Site Location Map), on behalf of the Olson Company (Olson). This Remedial Action Plan (RAP) presents the objectives, approach, procedures and methodology, and anticipated schedule for removing the chlorinated solvent impacted soils in the source area. This RAP has also been completed in accordance with the terms contained in the master consulting services agreement (MCSA) with the Olson Company, dated November 28, 2001.

1.0 BACKGROUND

The Site is located on the west side of Britton Avenue between East Arques Avenue and East Taylor Avenue in Sunnyvale, California. The Site is approximately 2.6 acres of land addressed as 695 East Arques Avenue & 698 East Taylor Avenue.

The Site is located in a mixed residential and light commercial area of Sunnyvale, California (see Figure 1). The Site is bordered to the southwest by single family residences. The Site is bordered to the northwest by commercial properties. East Arques Avenue runs east-west along the southern boundary of the Site. A drainage channel parallels the east boundary of the Site, running north towards the San Francisco Bay, which is located approximately 6 miles northwest of the Site. The Site is currently occupied by several commercial businesses including a metal machining facility and a refrigeration supply and maintenance facility.

Improvements on the southern portion of the Site include three single-story storage structures, two metal working structures, and a cellular phone tower (see Figure 2). The southern portion of the Site is occupied by one TM Industries, Inc., a metal machining business. The northern portion of the Site is improved with a light commercial structure occupied by Lefco, a refrigeration supply and maintenance company. The remainder of the Site consists of asphalt parking areas and dirt areas.

SECOR's review of the Environmental Database Report indicated that numerous groundwater contamination sources (such as National Priorities List and LUST sites) are located within a one-mile radius of the Site. Given that organic solvents have been detected in groundwater beneath the Site during previous investigations, SECOR recommended groundwater and soil-gas sampling of the Site and of the areas immediately upgradient and downgradient of the Site (with respect to groundwater flow) in order to better define the source location and potential contaminant migration.

Based on information obtained from previous environmental reports (not completed by SECOR) reviewed during SECOR's Phase I ESA , SECOR determined that a Trichloroethylene (TCE) vapor degreaser had once been located within the machine shop structure located on the portion of the Site addressed as 695 East Arques Avenue (currently occupied by T-M Manufacturing). Soil and groundwater sampling conducted by the previous investigators and presented in previous report indicated TCE impact to both the soil and groundwater had occurred to the Site. This TCE contamination was elevated in the central portion of the Site (with a peak concentration of 300 µg/L in groundwater). The report stated that the source of the contaminant could not be specifically determined. Given the elevated TCE levels found at the Site and that these levels were reported in concentrations above the maximum contaminant level (MCL) for groundwater beneath residential land, SECOR recommended further characterization and delineation of the contaminants. The recommended assessment program included a soil vapor and groundwater analysis program.

SECOR conducted the Phase II subsurface soils investigation of the Site on May 11 and 12, 2005. SECOR's investigation of the property consisted of a total of nine (9) borings on the Site in order to sample the soil-vapor, soil, and groundwater for petroleum hydrocarbons (TPH) carbon-chain (C6-C40) and volatile organic compounds (VOCs) analysis and one (1) boring located within the machine shop on the Site in order to sample the soils for petroleum hydrocarbons and VOCs analysis. Analytical results indicated that Trichloroethene (TCE) and, to a lesser extent, cis-1,2-Dichloroethene, contamination exists on the Site. The soil-vapor and groundwater data obtained during the course of this Phase II ESA suggested that localized, elevated TCE contamination, likely from an onsite source (the former vapor degreaser), commingled with the known regional groundwater plume of lower concentrations caused by offsite sources. This data also seems to agree with that of the 2003 GeoTrans report in terms of the localized groundwater TCE plume on Site and a regional plume in the area.

At the request of the California Regional Water Quality Control Board (Water Board) SECOR conducted an additional subsurface investigation of the Site on January 5 and 6, 2006 in accordance with SECOR's work plan dated, November 17, 2005, and approved the Water Board. SECOR's investigation of the Site consisted of a total of six (6) monitoring wells on the Site in order to sample the soil and groundwater for volatile organic compounds (VOCs) analysis. The intent of that sample was to evaluate the extent of soil and groundwater contamination and evaluate if indeed a regional groundwater contamination plume existed in the area.

Chemical analysis of all soil samples reported non-detectable concentrations of VOCs. Chemical analysis of groundwater samples GW-1, GW-2, GW-3, GW-4, GW-5, and GW-6 reported Trichloroethene (TCE) at concentrations of 2.0, 94, 49, 5.6, 22, and 29 micrograms per liter (µg/L), respectively. These results appeared to represent that a localized source of TCE groundwater contamination exist from an on-Site source (the vapor degreaser) in the area of GW-2 to GW-3. At distances beyond GW-3 the detected groundwater contamination appears to be a result of regional affect in both an up-gradient and cross- gradient locations

To evaluate potential human health risks posed by the detected VOC contamination in soil and groundwater, SECOR conducted a human health risk assessment (HHRA). This HHRA was previously submitted to the Water Board. This HHRA included all detected values identified by the Phase II ESA. The detected concentrations were less than the USEPA and Cal-EPA trigger levels for remediation (an ECR of 1E-04 and a segregated HI of one), indicating no unacceptable health effects to future on-site residential receptors under the current Site conditions. Based on the results of the HHRA with respect to groundwater and soil gas data collected at the Site, the Site-related and ambient-related soil gas and groundwater contamination at the Site will not pose unacceptable risks to future on-site human receptors prior to any remedial action. However, the Olson Company, with the approval of the Water Board, proposes to remove the on-Site VOC source and VOC-impacted soil to further reduce human health risks.

Based on previous discussions with the Water Board, remediation of the impacted soil on-Site source is required. As a result, SECOR has developed this soil remedial action work plan to reduce detected concentrations at the source and a groundwater monitoring program to evaluate short term groundwater affects by this removal action. This RAP will involve excavation and off-Site disposal of contaminated soil after demolition of the overlying structure to enhance the groundwater quality beneath the Site.

2.0 SCOPE OF WORK

A description of the proposed work scope and procedures is presented in the following sections.

Based on the results of the soil, soil vapor, and groundwater sampling, and the results of the HHRA conducted for the Site, SECOR developed the following recommendations to achieve soil and groundwater closure:

- Excavate soil down to the capillary fringe zone in the impacted area around the former vapor degreaser and any other potential source area to remove mass and any TCE or other volatile organic compound (VOC) detected above the Water Board's Environmental Screening Levels (ESLs) for residential use.
- Treat and/or dispose of excavated VOC-impacted soil, depending on the concentrations of contaminants detected in the excavated soil.
- Treat the exposed excavation with an oxidizing compound (i.e. permanganate, hydrogen release compound) prior to backfilling the excavation.
- Request closure at the Site with respect to soil impact.
- Install two groundwater monitoring wells, the first well being located as close as possible, down-gradient (with respect to groundwater flow) from the excavation. The second well will be installed further down-gradient from the excavation near the eastern Site boundary between former soil borings GW-2 and GW-3 (see Figure 2). Abandon six previously installed

groundwater monitoring wells on-Site.

- Perform six months (two quarters) of groundwater monitoring to evaluate whether TCE levels are decreasing or remaining constant. Perform additional groundwater monitoring if necessary to obtain Site closure.
- Request closure at the Site with respect to groundwater.
- Abandon the installed monitoring well following case closure.

2.1 PRELIMINARY FIELD ACTIVITIES AND PERMITTING

2.1.1 BAAQMD Regulation 8, Rule 40 Permit

At least 24 hours prior to commencing excavation of soil at the Site, SECOR will notify Bay Area Air Quality Management District (BAAQMD) by facsimile in accordance with Regulation 8, Rule 40. During soil removal activities, excavated soils will be monitored using a photoionization device (PID) calibrated to 100 ppmV isobutylene. Based on concentrations of VOCs reported in previous investigations, VOC emissions are calculated to be well below the total project emissions limit of 150 pounds as described in Regulation 8, Rule 40, Section 118 set forth by the BAAQMD, and therefore, is fully exempt from compliance standards or reporting requirements. In addition, Ms. Ruth Argutea (415) 749-4778 of the BAAQMD indicated that because of this exemption, no notification will be required during excavation activities. However, should VOC concentrations be encountered during excavation activities that exceed the above-mention emissions limit, actions will be taken to reduce VOC emissions in compliance with Regulation 8, Rule 40. Emission control measures to be implemented, if needed, include the following:

- Covering of stockpiles and open excavations with 6-millimeter (mil) thick plastic sheeting;
- Use of a water truck or hand held sprayer to wet excavated soil and suppress volatile emissions and dust;
- Use of a VOC control enzyme to reduce emissions from stockpiled soil and open excavations; and,
- Placing excavated soil into a sealed container pending offsite removal at an approved receiving facility.

2.1.2 Health and Safety Plan

A Site specific health and safety plan (HASP) will be prepared for all on-Site remediation work activities. The purpose of the HASP is to describe the controls and procedures that will be implemented to minimize incidents, injury, and health risks associated with the excavation and exposure to chemicals of potential concern (COPCs). The completed HASP will be prepared in accordance with OSHA Hazardous Waste Operations Standards (29 CFR 1910.120 and CCR Title 8).

All field personnel will review the HASP prior to commencement of field work. Prior to the initialization of daily field activities, a safety meeting will be conducted at the Site. All On-Site workers will be required to sign the daily safety meeting attendance log.

2.1.3 Utility Clearance

Prior to initializing excavation activities, Underground Service Alert (USA) will be notified of the intent to conduct excavation activities. The planned excavation limits will be clearly delineated with white paint as required by USA prior to obtaining a USA ticket number for the Site. A USA ticket number for the project will be kept current throughout excavation activities.

2.2 EXCAVATION ACTIVITIES

The proposed remedial action involves excavation, stockpiling, and either on-Site treatment or transport and off-Site disposal of VOC-impacted soil from the identified source area located in the vicinity of the former vapor degreaser and any other potential source area that may be identified after the demolition of the buildings and structures at this Site. The location of the former vapor degreaser and underlying VOC-impacted soil requiring excavation is depicted on Figure 2. The exact lateral extent of excavation will be dictated through soil confirmation sampling with the excavation centered around the former vapor degreaser. Soils will be excavated down to the capillary fringe zone using a track mounted hydraulic excavator and relocated to stockpiles using a front end-loader.

The planned excavation includes the removal of both clean and chemically impacted soil. Impacted and clean soil will be segregated based on visual, odor and field measurements and stockpiled on 6-mil plastic sheeting adjacent to the excavation. Stockpiles will be periodically moistened in order to suppress dust.

The following precautions are to be implemented during excavation activities to insure soil stability is not jeopardized:

- Excavation completed near property lines (unlikely) will be properly shored and/or slopped as necessary;
- Excavation will not be continued below groundwater bearing zones;
- Excavation sideslope stability will be closely monitored to determine if shoring or sloping is required;
- Upon completion of the investigation activities, the excavation will be backfilled with clean overburden or fill material; and,
- Compaction of backfilled areas will be performed during over-excavation activities to be conducted during Site grading and development. All excavated areas will be recompacted based on the recommendations of the Site geotechnical engineer.

2.3 EXCAVATION CONFIRMATION SAMPLING AND WASTE CHARACTERIZATION

Stockpiles will be removed and segregated into stockpiles based on likelihood of contamination. Clean overburden will be segregated from potentially impacted soil based on visual, odor, and field measurements. Soil stockpiles consisting of clean overburden will be managed as follows:

- Each stockpile will be measured in order to calculate the volume of stockpiled soil; and,
- Based on the calculated volume of each stockpile, the number of samples will be calculated in order to determine the sample frequency required in order to confirm that the soil can be returned to the open excavation, as backfill.

Impacted soil will be staged on Site, covered with visqueen sheeting, and managed until on-Site treatment or disposal is arranged. Sampling will be performed according to the profiling requirements of the receiving facility. If off-Site disposal is selected, manifests for material disposed of will be included in the final report. Alternatively, depending on the volume and concentrations of VOCs present in excavated soil, with concurrent agency approval, on-Site treatment will be considered.

2.4 VERIFICATION SAMPLING AND PROPOSED CLEANUP GOALS

After excavation of impacted soil is completed (based on visual, odors and field measurement), verification soil samples will be collected to confirm that cleanup goals have been achieved. Verification soil sampling will be performed at the direction of the Water Board. As discussed with the Water Board, proposed cleanup goals for TCE and other VOCs in soil and groundwater will be the residential ESLs identified in Table A of Volume 1 of the SF Bay Water Board ESL document. The residential ESLs for TCE in soil and groundwater are 0.26 mg/kg and 5 ug/L, respectively. For safety reasons, clean verification samples will be collected directly from the excavator bucket. Soil samples will be collected consistent with EPA 5035 sampling procedures and analyzed for the presence of VOCs following EPA test method 8260B. At a minimum, one soil sample will be collected from the base of the excavation, and from each of the four planned sidewalls. Additional soil samples will be collected if deemed necessary by the Water Board.

Based on discussions with the Water Board and confirmation sampling from the base and sidewalls of the excavations, once residual soil concentrations of TCE and other VOCs decrease below their respective Environmental Screening Levels (ESLs) for residential use in the capillary fringe zone, soil closure will be granted for the Site.

2.5 BACKFILL AND SITE RESTORATION

Prior to backfilling the excavation, treatment of the exposed excavation will be performed using a chemical oxidizing compound (i.e. permanganate). This in effect will enhance degradation of VOC concentrations in soil and groundwater at the Site. SECOR anticipates that subsequent to source removal, natural attenuation and the oxidizing compound will further reduce the detected concentrations of TCE and constituents in groundwater. This natural attenuation process will be evaluated through the installation of two down-gradient groundwater monitoring wells, as discussed in Sections 2.6 and 2.7.

Backfill and compaction will be conducted in accordance with local code requirements. Following soil removal, the excavation would then be backfilled with clean fill derived from other on-Site or off-Site locations. Backfill will be compacted based on the recommendations of the site geotechnical engineer.

2.6 MONITORING WELL INSTALLATION

As mentioned in Section 2.5, two groundwater monitoring wells will be installed on the Site. The first well (MW-1) will be installed down-gradient with respect to groundwater flow and as close as possible from the proposed excavation without interfering with Site building plans. The second monitoring well (MW-2) will be installed further down-gradient from the excavation near the eastern Site boundary between former soil borings GW-2 and GW-3 (see Figure 2). These monitoring wells will be constructed according to California Well Standards consisting of 0.010-inch slotted screen beginning at 5 feet above the water table and extending to 10 feet below the water table. The planned well diameter will be four inches and be composed of PVC material. The proposed well locations are shown on Figure 2.

2.7 GROUNDWATER MONITORING PROGRAM

The installed monitoring well will be developed using a pump at least 72 hours following well construction. After the well is developed, groundwater samples will be collected during a six month period to evaluate Trichloroethene (TCE) and other VOC levels after soil excavation and treatment activities at the Site. At that time, TCE and other VOC concentrations will be evaluated to determine whether closure could be granted with respect to groundwater impact at the Site. In the event that closure is not provided by the Water Board after six months, SECOR would propose on behalf of The Olson Company, the monitoring of natural attenuation and evaluate groundwater concentrations until Site closure can be obtained.

3.0 REPORTING

Upon completion of the excavation and upon the completion of each groundwater monitoring event thereafter, a report will be developed to present and describe the procedures, protocols, findings, results, conclusions and recommendations of the completed scope of work. The report will be submitted to the Water Board and will include a discussion of the actual scope of work, along with any deletions and/or additions to the scope of work presented in this remedial action work plan. All results, findings, conclusions and recommendations will be supported with field data sheets, figures, tables and calculations. Field logs, laboratory analytical reports and pertinent correspondence documenting agreements with the Water Board will be appended to the report.

The intent of these reports, supplemented by the previous subsurface investigations by SECOR, will be to obtain soil closure subsequent to excavation activities and groundwater closure following the proposed groundwater sampling program from the Water Board. Based on discussions with the Water Board, six months of post excavation groundwater monitoring will be performed to evaluate Trichloroethene (TCE) and other VOC levels and whether closure could be granted with respect to groundwater impact at the Site. In the event that closure is not provided by the Water Board after six months, SECOR would propose on behalf of The Olson Company, the monitoring of natural attenuation and evaluate groundwater concentrations until Site closure can be obtained.

4.0 IMPLEMENTATION SCHEDULE

SECOR is prepared to initiate excavation activities following approval of the Water Board and scheduling of Site demolition activities. Those activities will not occur until the Olson Company has closed escrow on the property and obtained the required permit to carry out those activities. We anticipate that soil removal, waste management, and well installation will require 2-3 weeks to complete. A technical report describing the completed activities will be provided to the Water Board within two weeks of the receipt of all analytical data. The above-mentioned groundwater monitoring program will continue for one to two monitoring events on a quarterly basis. Results of the groundwater monitoring program will be submitted to the Water Board within two weeks of the receipt of all analytical data.

We trust this Remedial Action Plan meets with your approval. Should you have any questions regarding the information contained in this Remedial Action Plan, please do not hesitate to contact the undersigned at your earliest convenience.

Sincerely yours,
SECOR International Incorporated

Dion C. Monge	Kyle D. Emerson, CEG 1271
Project Scientist	Senior Vice President

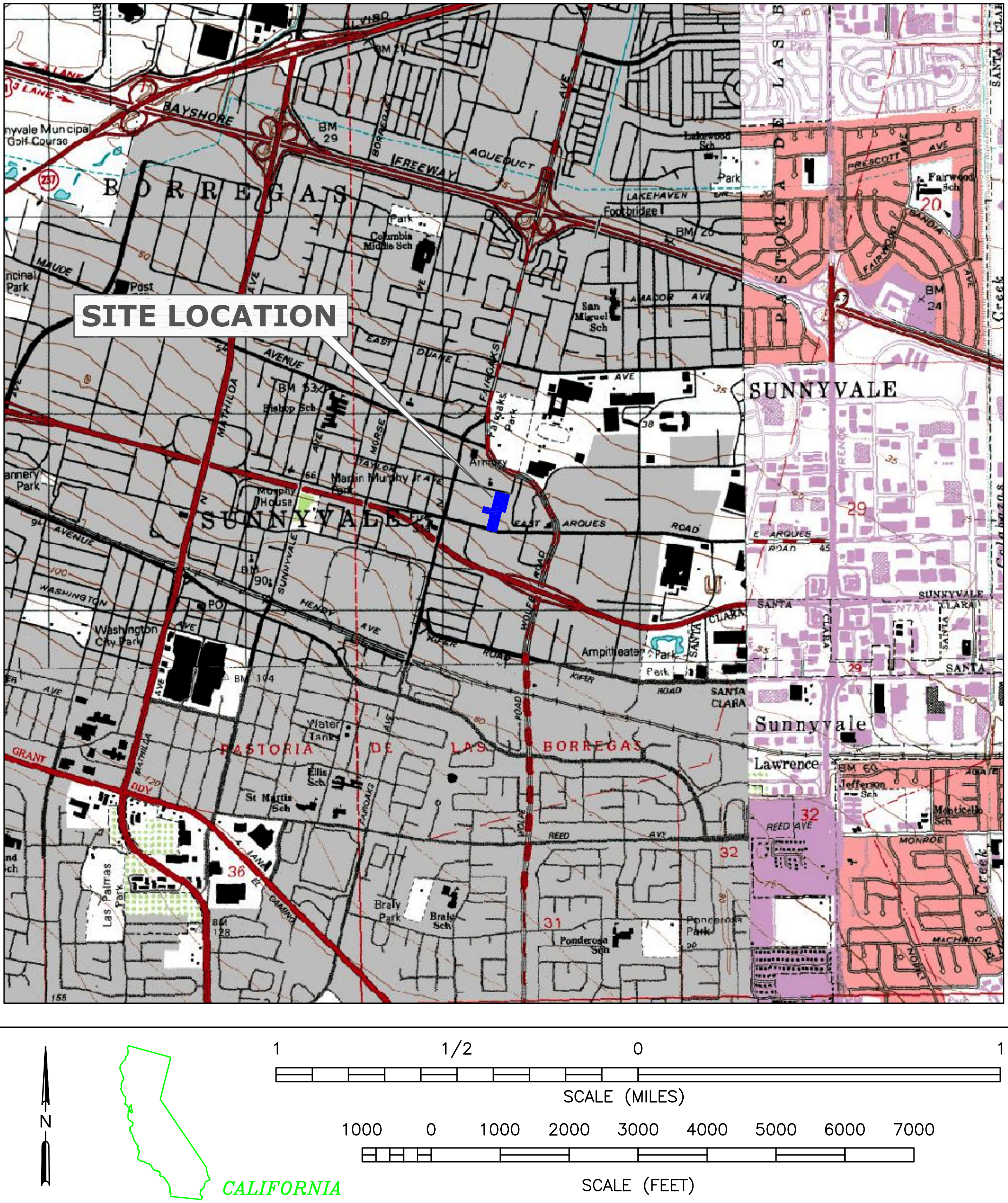
Attachments: Figure 1 – Site Location Map
Figure 2 – Site Plan

cc: Mr. Phil Kerr, Olson Urban Housing, LLC
Mr. Preston Brooks, Cox, Castle, Nicholson, LLC

Mr. George Cook (GCook@valleywater.org)
Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118-3614

Mr. Ron Staricha (RStaricha@ci.sunnyvale.ca.us)
Mr. Steve Lynch (SLynch@ci.sunnyvale.ca.us) City of Sunnyvale Department of Public Safety P.O.Box 3707 Sunnyvale, CA 94088-3707

FIGURES



REFERENCE: USGS 7.5 MINUTE QUADRANGLE; MOUNTAIN VIEW, CALIFORNIA; 1997

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FOR:
THE OLSON COMPANY
695 EAST ARQUES AVENUE AND
698 EAST TAYLOR AVENUE
SUNNYVALE, CALIFORNIA

SITE LOCATION MAP

FIGURE:
1

JOB NUMBER:
04OT.29218.76

DRAWN BY:
MDR

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APPROVED BY:

DATE:
06/21/2006

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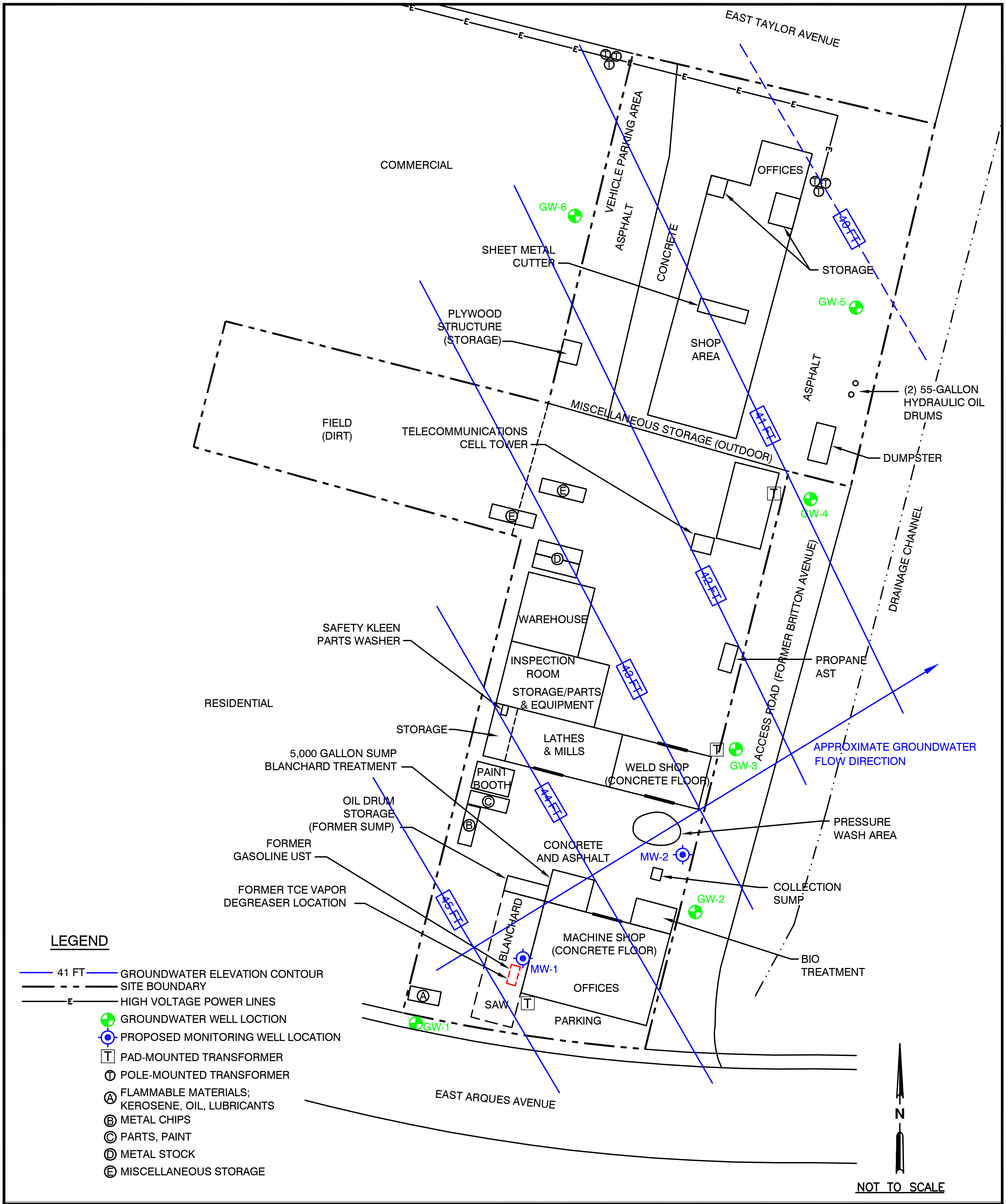

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695 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

SITE PLAN WITH ELEVATION CONTOUR AND PROPOSED MONITORING WELL LOCATION

FIGURE:

2

JOB NUMBER: 04OT.29218.76

DRAWN BY: S. SIMMONS

CHECKED BY:

APPROVED BY:

DATE: 05/16/06